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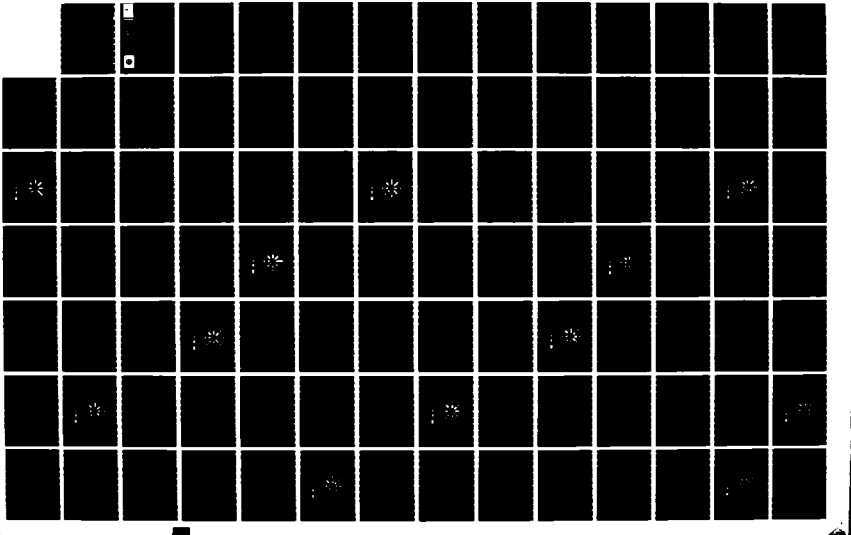

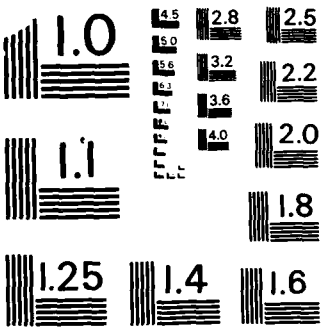

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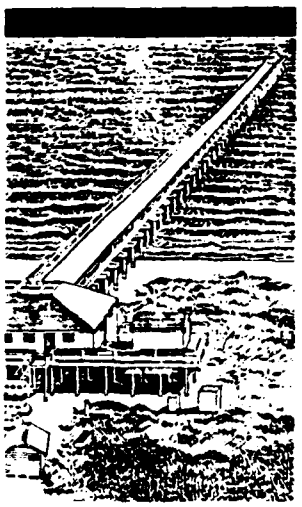

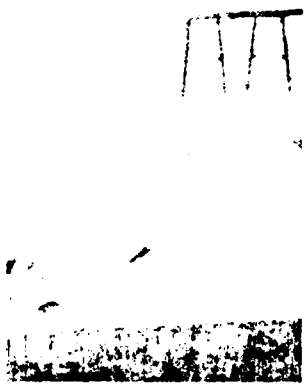

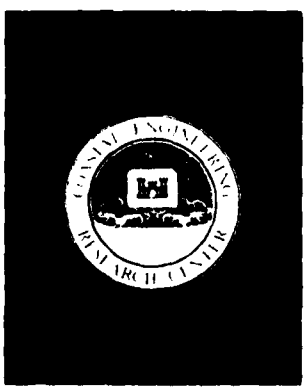

WAVE INFORMATION STUDIES OF US COASTLINES

WIS REPORT 14

PACIFIC COAST HINDCAST DEEPWATER WAVE INFORMATION

by

W. D. Corson, C. E. Abel, R. M. Brooks,
P. D. Farrar, B. J. Groves, R. E. Jensen,
J. B. Payne, D. S. Ragsdale, B. A. Tracy

Coastal Engineering Research Center

DEPARTMENT OF THE ARMY
Waterways Experiment Station, Corps of Engineers
PO Box 631, Vicksburg, Mississippi 39180-0631

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Final Report

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Twenty years of hindcast significant height, peak period, and mean direction wave information is summarized for 35 North Pacific locations in four data products:

a. Percent occurrence tables.

b. Wave rose diagrams.

c. Mean and largest H_s and 20-year statistics tables.

d. Return period table.

Brief descriptions and examples for each data product are also provided.

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Preface

In late 1976, a study to produce a wave climate for US coastal waters was initiated at the US Army Engineer Waterways Experiment Station (WES). The Wave Information Study (WIS) was authorized by the Office, Chief of Engineers, US Army, as part of the Coastal Field Data Collection Program which is managed by the WES Coastal Engineering Research Center (CERC).

This report, the fourteenth in a series, presents hindcast, deepwater wave data for the US Pacific coasts. The study was conducted at CERC under the direction of Mr. C. C. Calhoun, Jr., Acting Chief, CERC; Dr. J. R. Houston, Jr., Chief, Research Division; and Dr. E. F. Thompson, Chief, Coastal Oceanography Branch. Mr. J. H. Lockhart, Jr., Office, Chief of Engineers, was Technical Monitor for the Coastal Field Data Collection Program. This report and the hindcast data it summarizes were prepared by Drs. C. E. Abel and R. E. Jensen; Messrs. P. D. Farrar and W. D. Corson; and Ms. J. B. Payne, R. M. Brooks, D. S. Ragsdale, B. A. Tracy, and B. J. Groves.

Director of WES was COL Allen F. Grum, USA. Technical Director was Dr. Robert W. Whalin.

Contents

PACIFIC COAST HINDCAST DEEPWATER WAVE INFORMATION

Introduction

1. The Pacific Coast Wave Information Study (PCWIS) separated the wave climatology of the US Pacific coasts into three phases:

a. Phase I - Numerical hindcast of deepwater wave data from historical surface pressure and wind data for the North Pacific Ocean.

b. Phase II - Hindcast similar to Phase I with a finer grid and Phase I data as seaward boundary conditions for coasts of Washington, Oregon, and California.

c. Phase III - Transformation of Phase II wave data into shallow water and inclusion of long waves for coasts of Washington, Oregon, and California.

Figure 1 presents a schematic of the relationships of the three phases and their approximate boundaries.

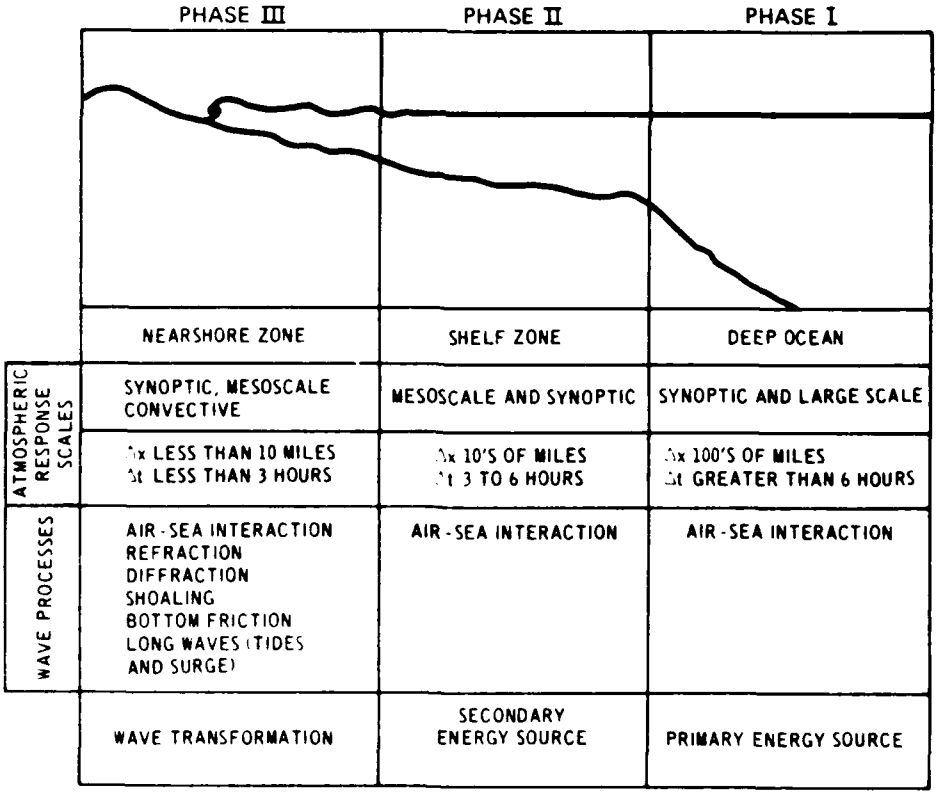


Figure 1. Conceptual diagram of the three phases of the Wave Information Study (WIS)

2. Phase I data have been computed for points in a spherical orthogonal grid (SOG) which covers the North Pacific Ocean (Figure 2). Although wave data have been hindcast for locations throughout the North Pacific, primary interest is in the area adjacent to the US Pacific coasts. Thirty-five locations (stations) have been selected for data analysis (Figure 2, Table 1). Twenty years (1956-1975) of hindcast, deepwater wave data, computed at 3-hr intervals, have been stored on the Wave Information Study (WIS) Sea-State Engineering Analysis System (SEAS) for the 35 numbered stations shown in Figure 2. The SEAS is an on-line computerized data base system which allows US Army Corps of Engineers offices to produce data reports and statistical analyses of WIS data tailored to their specific needs (Ragsdale 1983). The wave data are available through the SEAS in the form of significant wave height, as well as wave height, period, and direction for "sea" and "swell" conditions. The wave parameters peak period, average period, average direction, and two-dimensional (2-D) energy spectra are also available from WIS for the 35 numbered stations and the "cross-marked" locations shown in Figure 2. At this time these parameters have not been stored on the SEAS. Waves generated from tropical storms were excluded in the analyses of this report. Water levels and wave data from tropical storms and Southern Hemisphere swell will be presented in separate reports of the PCWIS.

3. Because of the area that the Phase I grid was required to cover, the grid spacing was set at 120 nautical miles (nm) (222.24 km) (Figure 2). Even with this relatively large spacing, some of the southwestern North Pacific was "blocked-off" to reduce the number of grid points so that the storage requirements of the numerical wave model would not exceed the storage capacity of presently available computers. This area was "blocked" since it is expected to have a lower frequency of occurrence of extratropical storms, and the extratropical storms occurring in this area are not expected to generate waves that significantly affect the US Pacific coast. The heavy border in Figure 2 indicates the land-sea boundary of the numerical model. The 120-nm spacing also made it difficult to represent the Aleutian and Hawaiian Islands. Since nearly all the islands are much smaller than the 120-nm spacing, the decision was made not to "block-out" the Aleutian and Hawaiian Islands (Figure 2). This decision especially affected Stations 22 through 35 (Figures 3-5). Another problem with large-grid spacing is that it is difficult to save data at points relatively close to land. For example, for Station 33 it was

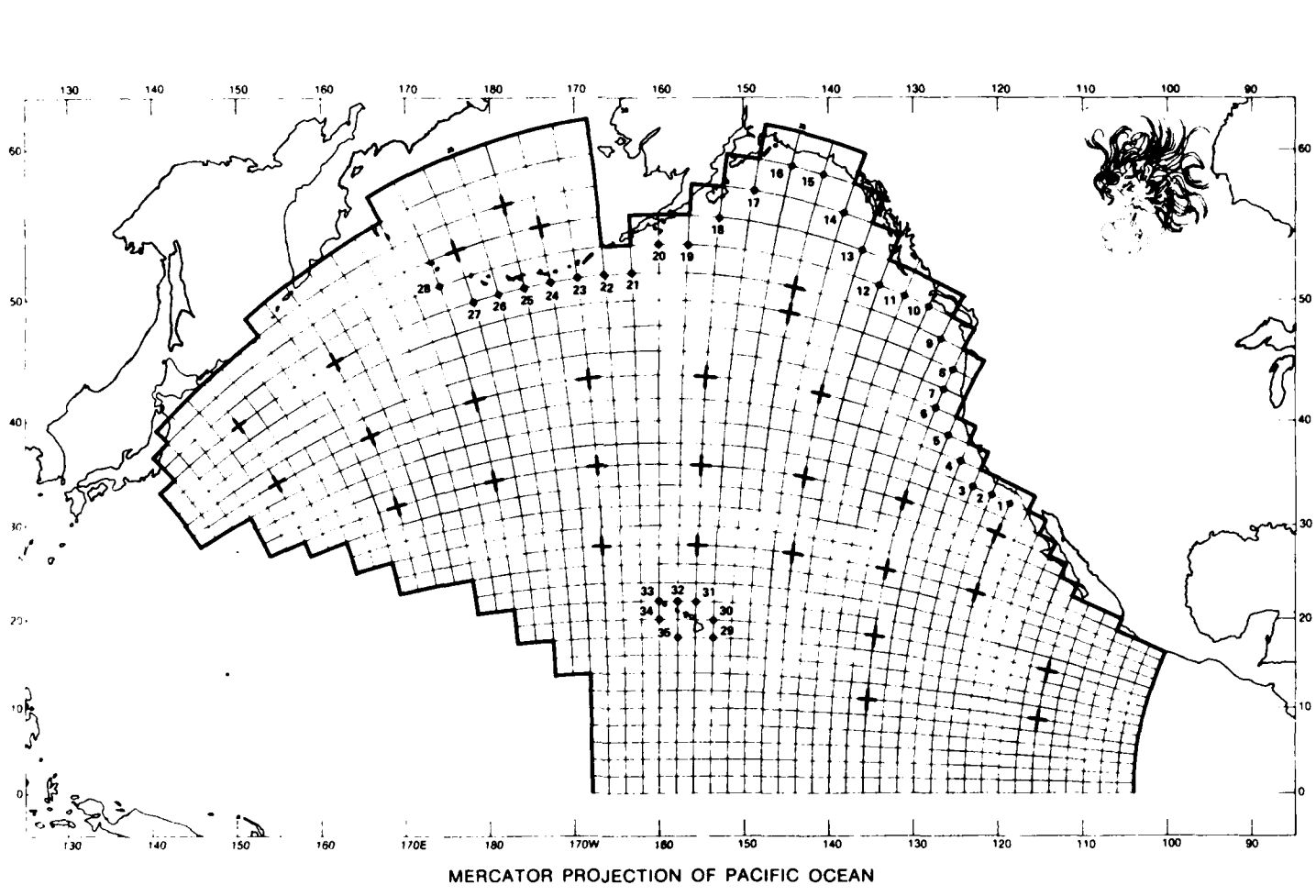


Figure 2. WIS Phase I grid for the North Pacific (Mercator projection)

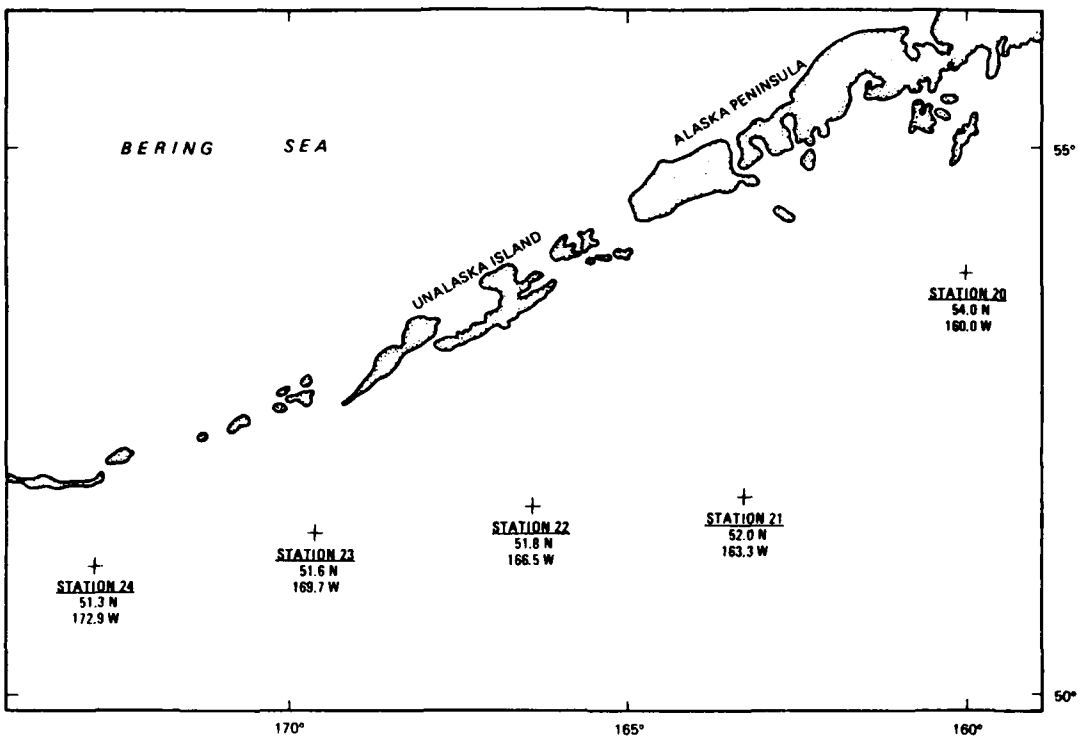


Figure 3. Location map for Stations 20 through 24

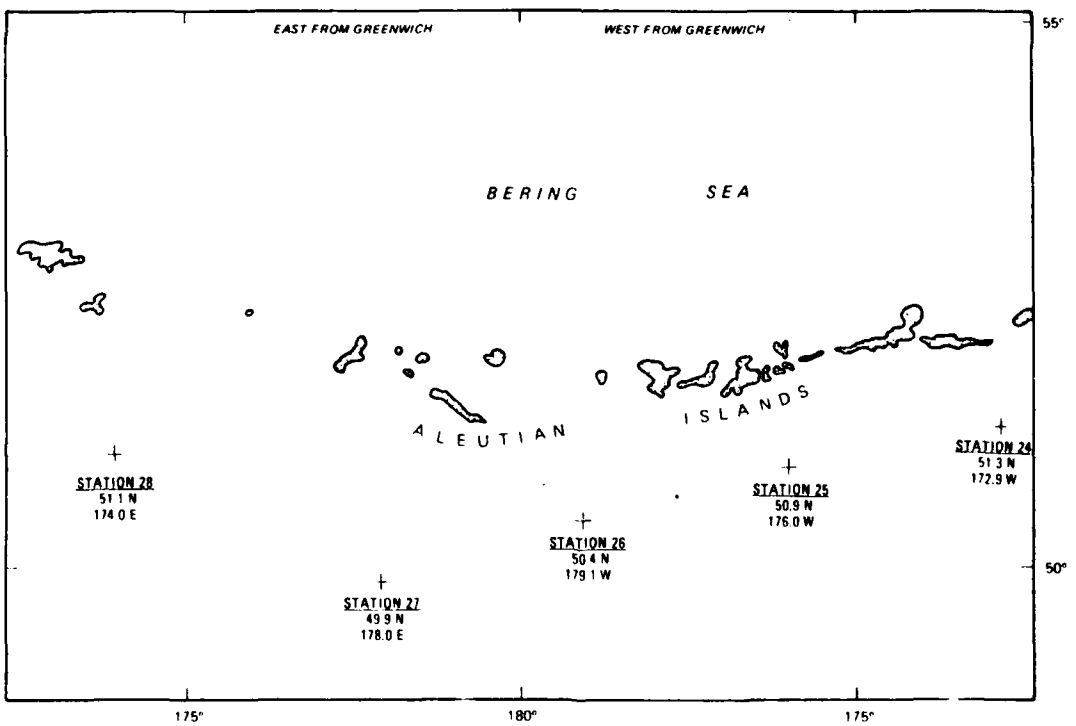


Figure 4. Location map for Stations 24 through 28

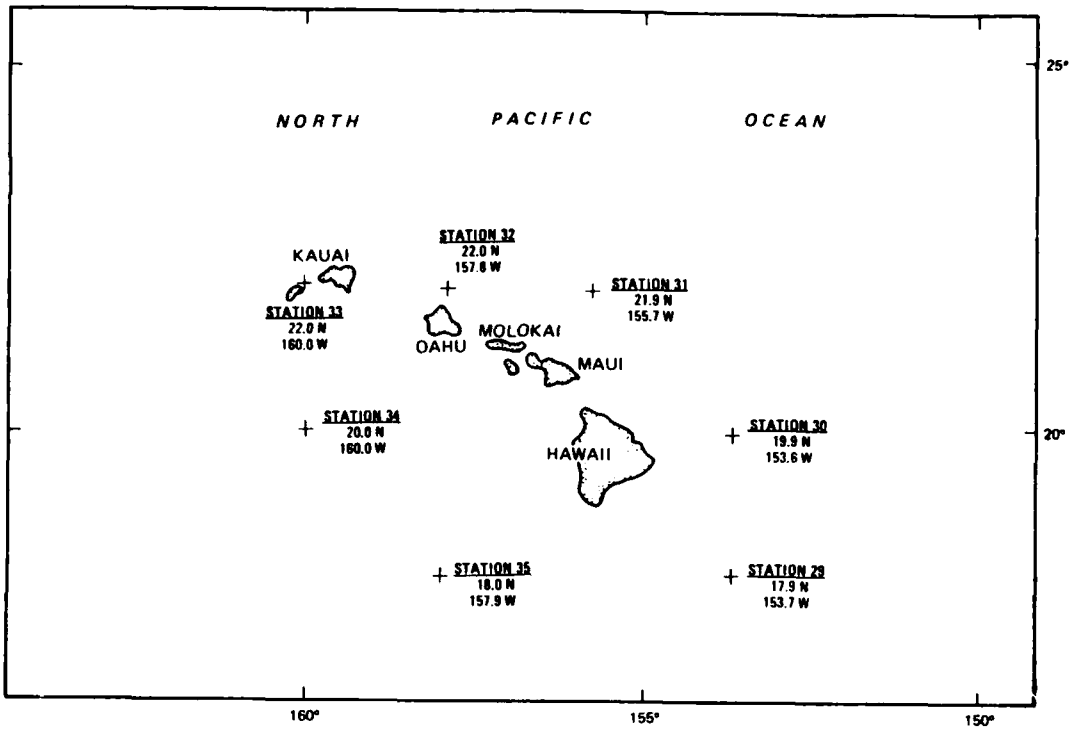


Figure 5. Location map for Stations 29 through 35

decided to use the location near Niihau and Kauai rather than "back off" to the next grid point which is 120 nm to the north (Figure 5). Since the island effects were not modeled, the user of the WIS Phase I data should apply either appropriate methods for first-estimate sheltering to the data or use the Phase I data as input to finer scale coastal processes models for more detailed studies.

4. This report presents various analyses of the PCWIS Phase I hindcast wave data. It also serves as an example of the format of forthcoming reports that describe the data available from Phases II and III of the PCWIS.

5. However, this report is intended only to serve as a general description of wave characteristics such as height, period, and direction. Separate reports describing technical facets of the effort involved in these wave calculations have been published previously (Corson, Resio, and Vincent 1980; Corson and Resio 1981; Resio, Vincent, and Corson 1982; Resio 1982; Ebersole 1982; Jensen 1983; Tracy 1982; Resio and Tracy 1983).

6. The significant wave height H_s analyzed represents $4\sqrt{E}$, where E is the total energy of the wave spectrum. The period T_p is the period of the spectral peak. The value of the wave direction D is the average

direction from which the waves are coming (Figure 6). Azimuth is measured clockwise in degrees from true north (0).

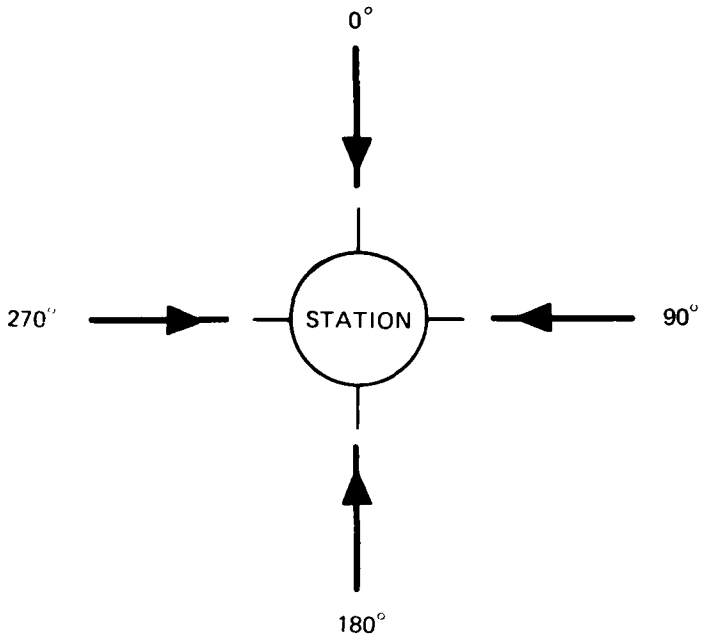


Figure 6. Diagram indicating wave direction

7. The wave parameters are calculated from an analysis of the 2-D wave spectra (wave energy by frequency and direction); therefore, the detailed 16 by 20, 320 element array is summarized into three parameters. The analysis of the 2-D spectrum calculates H_s from the energy from all frequencies and directions, T_p from the frequency band with the most energy, and a weighted-average D from all frequencies and directions. These procedures were designed to provide parameters available from methods used in wave gage analyses. Obviously some characteristics of the energy array will not be well represented in only three parameters. Examples of this lack of representation were noticed in a review of the percent occurrence tables (Appendixes A-G). Some improbable cases were found that indicated what appeared to be large, long-period waves traveling from onshore to offshore. A review of the 2-D spectra for each case showed that the energy array was separated, almost evenly, between a large amount of long-period energy coming from offshore and a relatively large amount of shorter period energy traveling from onshore. Review of National Weather Service (NWS) surface charts indicated a source of long-period swell and high local, offshore winds, conditions that would

generate a spectrum as calculated by the WIS wave model for these cases. It is expected that no three-parameter summary will adequately represent the 2-D spectra for all cases; although, the percent occurrence tables and wave roses in this report are valid summaries of the most commonly requested wave parameters (H_s , T_p , and D), it is recommended that Corps offices use either the WIS sea and swell data available on SEAS or the 2-D spectra available from WIS for detailed studies. The sea and swell wave parameters will be available to non-Corps users through the National Climatic Data Center (NCDC) as are those for Atlantic coast WIS data (ACWIS) (Brooks and Corson, 1984).

8. The following four products are presented for the 35 numbered PCWIS Phase I stations:

a. Percent occurrence tables.

b. Wave rose diagrams.

c. Mean H_s , largest H_s , and 20-year statistics tables.

d. Return period table

A brief description of each product is given and some sections on use of the products, including examples, are provided. The appendixes for this report are arranged by Phase I stations. Each product, except the return period table, is provided for the specified station in Appendixes A-G. The return period table provides information for all stations and is presented as Appendix H.

Percent Occurrence Tables

Description

9. Two types of tables are printed: azimuth tables and tables for all directions. The azimuth tables give the percent occurrence of waves in height and period ranges for specified stations and directions. The title of each table identifies the station and azimuth range. The direction bands are centered on 22.5-deg increments such as 0, 22.5, 45, etc. (Table 2). The period ranges were derived from the period ranges available from the WIS hindcast model (Table 3), and the height ranges are in 1-m increments. Values in the azimuth tables represent the percentage of the 20-year period during which waves occur from the specified azimuth range for the indicated height and period ranges. The values have been multiplied by 1,000 to allow more accuracy while using less printing space. Summations of period and height ranges are

provided in the last column and row of each table. The summations also have been multiplied by 1,000. The last line in each azimuth table contains the following information for the specified azimuth range and station:

a. The mean H_s .

b. The largest H_s .

c. The mean T_p .

d. The number of cases (wave occurrences computed at 3-hr intervals).

10. The all-directions table for each station is printed following the 337.5-deg azimuth table for the specified station. This table gives the percent occurrence of waves within specified height and period ranges coming from all directions for the indicated station. Values in the all-directions table are multiplied by 100. The parameters listed in the last line of the table are derived from all directions for the full 20 years, and the total number of cases (58,440) is the number of cases calculated in the 20 years analyzed.

Use of the tables

11. The tables have been developed to produce the most detailed information available in a summary report.

Example

12. In order to find the number of hours that waves of 2.0 to 2.9 m and 6.1 to 8.0 sec are expected to occur from the 292.5-deg band at Station 1 for a 20-year interval, the value read in the table for the specified station, azimuth, height, and period should first be divided by 1,000, which for this example yields 7.948 percent (Appendix A, page A4). Then 7.948 is divided by 100 to give the probability (0.07948), and multiplied by the number of hours for the 20-year interval (58,440 cases times 3 hr = 175,320 hr) to yield the number of hours that the specified wave is expected to occur. The simple conversion process is:

$$\frac{\text{Value read in table}}{1{,}000} \div 100 \times \text{number of hours in time interval} = \text{number of hours specified wave is expected to occur}$$

For this example:

$$\frac{7{,}948}{1{,}000} \div 100 \times 175{,}320 \text{ hr} = 13{,}934 \text{ hr}$$

Wave Rose Diagrams

Description

13. The wave rose diagrams utilize H_s and D and present analyses of the 20 years of hindcast data. The diagrams show the percent occurrence of H_s ranges from eight direction ranges (45-deg bands) and the percent of waves occurring from the separate directions for the specified station.

14. As in most wave rose diagrams, the width of each bar segment indicates the H_s range and the length of the bar segment indicates the percent occurrence of waves from the specified direction. The distance between each circle in the diagram is 20 percent. Each leg of the diagram represents 22.5 deg to either side of the primary direction of the leg. For example, the leg to the north represents waves coming from 337.5 deg (NNW) through 0 deg (N) to 22.5 deg (NNE).

Use of the diagrams

15. The diagrams are intended as visual aids and are not appropriate for detailed analyses.

Example

16. The wave rose diagram for Station 1 indicates that 16 percent of the waves were from the west, 270-deg band (waves moving west to east), and of the 16 percent, approximately 17 percent were 1.0 to 1.9 m, about 32 percent were 2.0 to 2.9 m, about 30 percent were 3.0 to 3.9 m, etc. (page A5). The total for each leg is 100 percent for the specified direction.

Mean H_s, Largest H_s, and 20-Year Statistics Tables

Description

17. Two tables that summarize the mean and largest H_s for each month and year are provided for each station (Page A6). The mean table also provides a mean monthly value and mean yearly value of H_s. The largest H_s table provides the largest H_s hindcast for each month in each year. The 20-year statistics tables provide the following:

a. Mean H_s.

b. Mean T_p.

c. Most frequent D band.

d. Standard deviation of H_s.

e. Standard deviation of T_p .

f. Largest H_s .

g. T_p of largest H_s .

h. D of largest H_s .

i. Date and time (GMT) of largest H_s .

Use of the tables

18. The tables can be used as a quick reference in determining estimates of the wave climate of an area.

Example

19. To determine the mean H_s for January 1956, simply read the value in the specified column and row (Page A6). The mean H_s for 1956 is given in the MEAN column opposite 1956. The mean H_s for all January's is given in the MEAN row under JAN. For this example:

a. The mean H_s for JAN 1956 = 2.8 m.

b. The mean H_s for 1956 = 2.4 m.

c. The mean H_s for all JAN's = 3.2 m.

The largest H_s table can be read in a similar fashion, and by scanning the columns and rows, additional information can be determined:

a. The largest H_s for JAN 1956 = 3.7 m.

b. The largest H_s for 1956 = 6.9 m.

c. The largest H_s for all JAN's = 6.1 m.

Return Period Table

Description

20. An analysis of extreme storm wave heights was performed using the least squares method to analyze the wave heights and their extremal Type II probability distribution (Borgman and Resio 1977 and Isaacson and MacKenzie 1981). The procedure used for the extremal estimates is described in Corson and Tracy (1985). The return period table provides estimates of wave heights with recurrence intervals of 5, 10, 20, and 50 years (Appendix H). The 0.5 fractile (median) and the 0.75 and 0.25 fractiles (interquartile range) are provided. The wave heights labeled as HS in Appendix H refer to the median, while the 0.75 and 0.25 fractiles are provided to indicate the possible variation in the extreme estimates. For example, these ranges indicate that 75 percent of the 50-year wave heights should (based on the assumed probability distribution function) fall at or below the 0.75 quartile of the 50-year

wave height. Since the data are compact, the return period table contains information for all PCWIS Phase I stations (1-35).

Use of the table

21. Estimates of extreme wave heights can simply be read from the table for the desired return period and station. Table 4 can be used to find the probability of one or more waves, or larger waves, of a specified return period occurring within 1, 10, 25, or 50 years.

Example

22. H_s values associated with the 0.5, 0.75, and 0.25 fractiles for specified return periods are simply read from the table for the desired location. For example, the median 50-year maximum for Station 1 is 8.4 m and the interquartile range for the 50-year maximum is 8.0 m to 9.0 m (1.0 m)--obviously not a wide range (page H1). The median 50-year maximum for Station 7 is 14.5-m and the interquartile range is 13.6 m to 15.6 m (2.0 m). Table 4 shows that the 14.5-m median extreme wave height has a probability of 0.18 of being equaled or exceeded at least once in 10 years.

Summary

23. The figures and tables employed in this report were chosen to best present a summary of the extensive wave data base generated during the PCWIS. If more detailed wave data are required, the reader is encouraged to contact the Coastal Oceanography Branch of CERC for the 2-D wave spectra and other data available for the North Pacific. An overview of the type of information available is presented in Brooks and Corson (1984).

24. The wave data presented in this report were produced by numerical simulation of wave growth, propagation, and decay under historical wind fields. It is our belief that numerical modeling of surface waves represents an evolution toward a more reliable means of obtaining wave information for climatological purposes. Coupled with the concurrent evolution of statistical methods, data processing technology, and planning and designing capabilities, this tool offers the vastly improved ability to deal with coastal problems. Furthermore, by relating data to physical processes, an underlying understanding of the wave phenomena is gained. This can increase confidence in recognizing trends, distributions, and correlations among various data elements, which can, in turn, increase confidence in many basic planning, designing, construction, operation, and maintenance decisions.

References

Borgman, L. E., and Resio, D. T. 1977. "Extremal Prediction in Wave Climatology," Proceedings, American Society of Civil Engineers, Ports-77, Vol 1, pp 394-412.

Brooks, R. M., and Corson, W. D. 1984 (Sep). "Summary of Archived Atlantic Coast Wave Information Study, Pressure, Wind, Wave, and Water Level Data," WIS Report 13, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Corson, W. D., and Resio, D. T. 1981 (May). "Comparisons of Hindcast and Measured Deepwater, Significant Wave Heights," WIS Report 3, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Corson, W. D., Resio, D. T., and Vincent, C. L. 1980 (Jul). "Wave Information Study of U. S. Coastlines; Surface Pressure Field Reconstruction for Wave Hindcasting Purposes," TR HL-80-11, Report 1, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Corson, W. D., and Tracy, B. A. 1985 (May). "Atlantic Coast Hindcast, Phase II Wave Information: Additional Extremal Estimates," WIS Report 15, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Ebersole, B. A. 1982 (Apr). "Atlantic Coast Water-Level Climate," WIS Report 7, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Isaacson, M., and MacKenzie, N. G. 1981 (May). "Long-Term Distributions of Ocean Waves: A Review," Journal of the Waterways, Harbors, and Coastal Engineering Division, American Society of Civil Engineers, Vol 107, No. WW2, pp 93-109.

Jensen, R. E. 1983 (Sep). "Methodology for the Calculation of a Shallow-Water Wave Climate," WIS Report 8, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Ragsdale, D. S. 1983 (Aug). "Sea-State Engineering Analysis System (SEAS): User's Manual," WIS Report 10, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Reich, B. M. 1973. "How Frequently Will Floods Occur?" Water Resources Bulletin, Vol 9, No. 1, pp 187-188.

Resio, D. T. 1982 (Mar). "The Estimation of Wind-Wave Generation in a Discrete Spectral Model," WIS Report 5, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Resio, D. T., and Tracy, B. A. 1983 (Jan). "A Numerical Model for Wind-Wave Prediction in Deepwater," WIS Report 12, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Resio, D. T., Vincent, C. L., and Corson, W. D. 1982 (May). "Objective Specification of Atlantic Ocean Wind Fields from Historical Data," WIS Report 4, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Tracy, B. A. 1982 (May). "Theory and Calculation of the Nonlinear Energy Transfer Between Sea Waves in Deep Water," WIS Report 11, US Army Engineer Waterways Experiment Station, Vicksburg, Miss.

Table 1

Pacific Phase I Station

Station	i	j	Latitude (N)	Longitude (W)
1	12	48	32.20	118.64
2	12	47	33.03	120.80
3	12	46	33.83	123.00
4	11	45	36.21	124.42
5	10	44	38.63	125.86
6	9	43	41.08	127.34
7	8	43	42.76	126.36
8	7	43	44.41	125.29
9	6	42	46.94	126.73
10	5	41	49.48	128.23
11	5	40	50.30	131.07
12	5	39	51.05	134.00
13	4	38	53.55	135.97
14	3	37	56.05	138.14
15	2	36	58.53	140.57
16	2	35	59.05	144.30
17	3	34	57.50	148.78
18	4	33	55.79	152.87
19	5	32	53.95	156.60
20	5	31	54.00	160.00
21	6	30	51.96	163.25
22	6	29	51.82	166.48
23	6	28	51.60	169.69
24	6	27	51.29	172.86
25	6	26	50.90	175.98
26	6	25	50.42	179.05
27	6	24	49.87	177.95 E
28	5	23	51.05	174.00 E
29	23	34	17.90	153.69
30	22	34	19.89	153.62
31	21	33	21.94	155.69
32	21	32	21.99	157.84
33	21	31	22.00	160.00
34	22	31	20.00	160.00
35	23	32	17.99	157.90

Table 2

Ranges for Direction Intervals in Percent Occurrence Tables

Midband deg	Range deg
0.0	348.75 ≤ D < 11.25
22.5	11.25 ≤ D < 33.75
45.0	33.75 ≤ D < 56.25
67.5	56.25 ≤ D < 78.75
90.0	78.75 ≤ D < 101.25
112.5	101.25 ≤ D < 123.75
135.0	123.75 ≤ D < 146.25
157.5	146.25 ≤ D < 168.75
180.0	168.75 ≤ D < 191.25
202.5	191.25 ≤ D < 213.75
225.0	213.75 ≤ D < 236.25
247.5	236.25 ≤ D < 258.75
270.0	258.75 ≤ D < 281.25
292.5	281.25 ≤ D < 303.75
315.0	303.75 ≤ D < 326.25
337.5	326.25 ≤ D < 348.75

Table 3

Frequency Ranges Used in WIS Hindcast Model

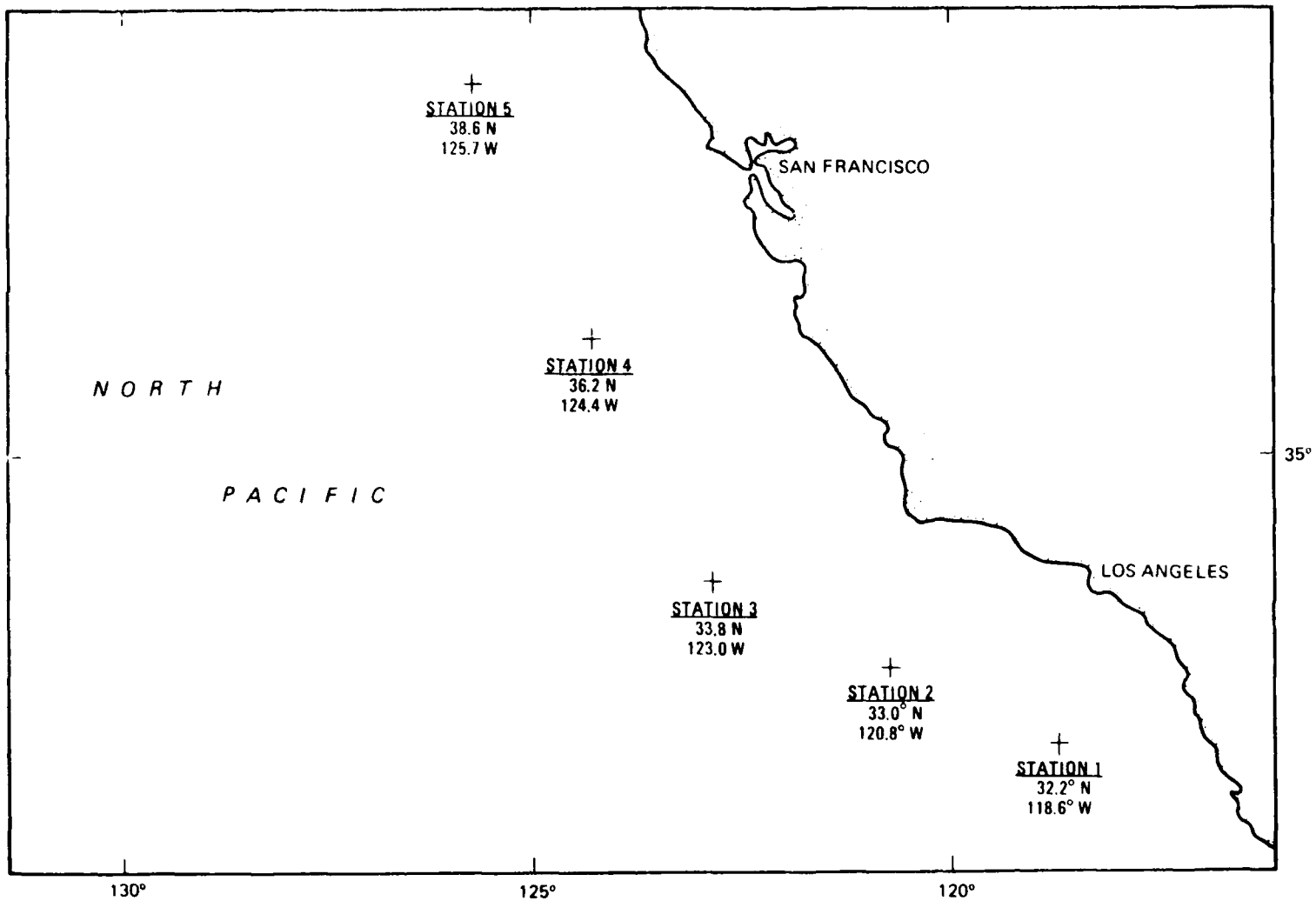
Midband Frequency Hz	Midband Period sec	Band Range Period sec	Grouping for Percent Occurrence Tables sec
0.22	4.5	$4.44 \leq T < 4.65$	
0.21	4.8	$4.65 \leq T < 4.88$	
0.20	5.0	$4.88 \leq T < 5.13$	4.4- 6.0
0.19	5.3	$5.13 \leq T < 5.41$	
0.18	5.6	$5.41 \leq T < 5.71$	
0.17	5.9	$5.71 \leq T < 6.06$	
0.16	6.2	$6.06 \leq T < 6.45$	
0.15	6.7	$6.45 \leq T < 6.90$	6.1- 8.0
0.14	7.1	$6.90 \leq T < 7.41$	
0.13	7.7	$7.41 \leq T < 8.00$	
0.12	8.3	$8.00 \leq T < 8.70$	8.1- 9.5
0.11	9.1	$8.70 \leq T < 9.52$	
0.10	10.0	$9.52 \leq T < 10.53$	9.6-10.5
0.09	11.1	$10.53 \leq T < 11.76$	10.6-11.7
0.08	12.5	$11.76 \leq T < 13.33$	11.8-13.3
0.07	14.3	$13.33 \leq T < 15.38$	13.4-15.3
0.06	16.7	$15.38 \leq T < 18.18$	15.4-18.1
0.05	20.0	$18.18 \leq T < 22.22$	18.2-22.2
0.04	25.0	$22.22 \leq T < 28.57$	
0.03	33.3	$28.57 \leq T < 40.00$	22.3-longer

Table 4

Probabilities of Extreme Wave Hieghts*

Return Period years	Probability of Wave Height Being Equaled or Exceeded at Least Once in Given Number of Years			
	1	10	25	50
5	20.00	0.89	>0.99	>0.99
10	0.10	0.65	0.94	>0.99
20	0.05	0.40	0.71	0.90
50	0.02	0.18	0.40	0.61

* From Reich (1973).


STATION 5
38.6 N
125.7 W
SAN FRANCISCO
STATION 4
36.2 N
124.4 W
NORTH
PACIFIC
35°
LOS ANGELES
STATION 3
33.8 N
123.0 W
STATION 2
33.0° N
120.8° W
STATION 1
32.2° N
118.6° W
130°
125°
120°

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	6	.	.	.	.	.	.	.	.	.	6
1.0-1.9	5	8	5	5	1	.	1	.	.	.	25
2.0-2.9	32	22	5	17	10	1	3	.	.	.	90
3.0-3.9	.	20	.	3	5	23	3	1	.	.	55
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	1	1	.	.	2
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	43	50	10	25	16	24	8	2	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 8.7 NO. OF CASES= 110.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	5	.	1	.	.	.	.	.	.	9
2.0-2.9	41	17	3	8	5	.	3	.	.	.	77
3.0-3.9	.	20	.	.	.	1	1	1	.	.	23
4.0-4.9	.	.	.	.	.	.	.	1	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	44	42	3	9	5	1	4	2	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 7.5 NO. OF CASES= 68.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	3	.	.	.	.	.	.	.	.	3
2.0-2.9	10	41	.	.	3	.	.	.	.	.	54
3.0-3.9	.	15	.	.	.	.	.	1	.	.	16
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	10	59	0	0	3	0	0	1	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 7.0 NO. OF CASES= 44.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	20	.	.	.	.	.	.	.	.	23
3.0-3.9	.	8	.	.	.	.	.	.	.	.	8
4.0-4.9	.	1	1	3	.	.	.	.	.	.	5
5.0-5.9	.	.	3	5	.	.	.	.	.	.	8
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	3	29	4	8	0	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 7.3 NO. OF CASES= 28.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	3	.	.	.	.	5	.	.	.	8
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4	1	0	0	0	5	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 10.3 NO. OF CASES= 7.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	6	.	.	.	.	.	.	.	.	6
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 6.1 NO. OF CASES= 4.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 6.6 NO. OF CASES= 1.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3	0	0	0	0	0	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 7.0 NO. OF CASES= 2.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	13	1	.	.	.	.	.	.	.	14
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	13	2	0	0	0	0	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.3 NO. OF CASES= 10.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	1	17	.	.	.	.	.	.	.	18
1.0-1.9	.	10	.	.	.	.	.	.	.	.	10
2.0-2.9	.	1	3	.	.	.	.	.	.	.	4
3.0-3.9	.	3	5	.	.	.	.	.	.	.	8
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	15	25	0	0	0	0	0	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 7.7 NO. OF CASES= 25.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	5	5	.	.	.	.	.	.	.	10
1.0-1.9	1	10	.	8	1	.	.	.	.	.	20
2.0-2.9	.	23	1	5	3	.	.	.	.	.	32
3.0-3.9	.	.	3	.	3	.	.	.	.	.	6
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	38	9	13	7	0	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 8.3 NO. OF CASES= 43.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	6	17	1	.	.	.	.	.	.	24
1.0-1.9	3	11	8	17	11	5	1	.	.	.	56
2.0-2.9	.	30	8	6	8	10	10	.	.	.	72
3.0-3.9	.	.	1	.	.	13	6	.	.	.	20
4.0-4.9	.	.	.	.	.	5	.	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	47	34	24	19	33	17	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 9.9 NO. OF CASES= 110.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	8		3			11	.	.	.	.	22
1.0-1.9	25	54	201	68	39	6	.	.	.	.	393
2.0-2.9	41	59	181	128	460	229	58	.	.	.	1156
3.0-3.9	.	56	41	42	148	540	181	1	.	.	1009
4.0-4.9	.	3	8	5	42	179	249	.	.	.	486
5.0-5.9	.	.	1	.	.	3	78	1	.	.	83
6.0-6.9	.	.	.	.	.	.	18	.	.	.	18
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	74	172	435	243	689	968	584	2	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 6.1 MEAN TP(SEC)= 11.3 NO. OF CASES= 1662.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	49	104	70	3	6	6	.	.	.	.	233
1.0-1.9	1137	4890	8259	4009	1901	590	114	20	6	.	20926
2.0-2.9	963	7948	5143	5766	9017	6405	1163	42	3	.	36450
3.0-3.9	.	3348	1579	523	2505	7263	4342	143	.	.	19703
4.0-4.9	.	157	1023	82	70	1269	4171	467	.	.	7239
5.0-5.9	.	3	201	66	6	65	783	711	.	.	1835
6.0-6.9	.	.	8	41	8	3	59	150	.	.	269
7.0-7.9	.	.	.	.	5	.	.	42	.	.	47
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	2149	16450	16283	10490	13518	15609	10632	1605	9	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 10.3 NO. OF CASES= 50711.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	29	53	22	3	11						118
1.0-1.9	949	1492	1048	417	183	169	71	.	.	.	4329
2.0-2.9	653	1135	374	479	525	155	41	1	.	.	3363
3.0-3.9	.	301	65	30	173	228	44	3	.	.	844
4.0-4.9	.	.	11	1	5	23	44	8	.	.	92
5.0-5.9	.	.	.	.	.	.	35	17	.	.	52
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	1631	2982	1520	930	917	569	235	29	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 8.2 NO. OF CASES= 5160.

STATION 1 32.20N 118.64W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	10										10
1.0-1.9	58	13	18	13	6	1	5	.	3	.	117
2.0-2.9	39	32	6	56	59	27	3	.	.	.	222
3.0-3.9	.	25	.	5	1	17	1	.	.	.	49
4.0-4.9	.	1	6	.	.	.	5	.	.	.	12
5.0-5.9	.	.	.	.	.	.	11	1	.	.	12
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	107	71	30	74	66	45	25	1	3	0	

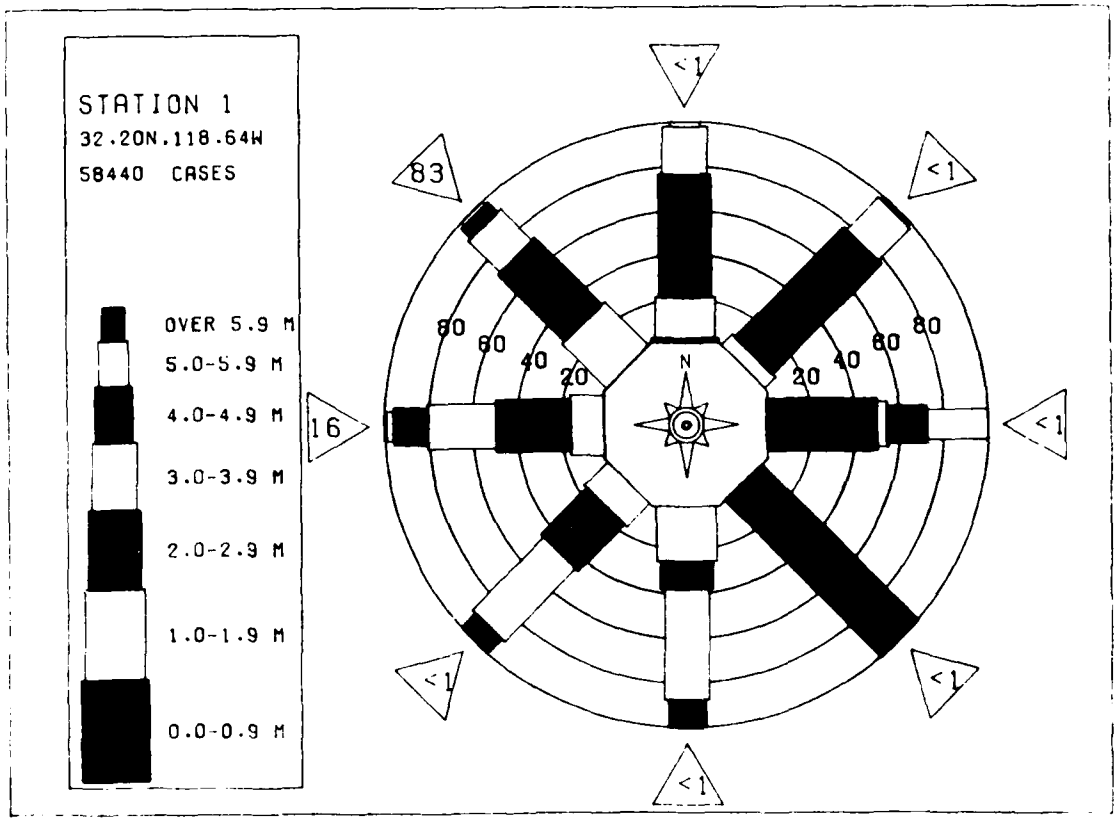
MEAN HS(M) = 2.4 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 8.9 NO. OF CASES= 255.

STATION 1 32.20N 118.64W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	10	15	9		1	1					36
1.0-1.9	218	648	957	451	213	75	19	2	1	.	[illegible]
2.0-2.9	178	932	572	648	1009	604	127	4	.	.	4154
3.0-3.9	.	387	170	61	286	608	458	15	.	.	[illegible]
4.0-4.9	.	16	106	9	12	148	447	49	.	.	[illegible]
5.0-5.9	.	.	20	7	.	7	91	73	.	.	[illegible]
6.0-6.9	.	.	.	4	.	.	7	16	.	.	27
7.0-7.9	.	.	.	.	.	.	.	4	.	.	4
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	
TOTAL	406	1998	1834	1180	1521	1723	1149	163	1	0	

MEAN HS(M)= 2.6 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 10.1 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 1 (32.20N 118.64W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.8	3.2	2.8	2.7	2.4	2.7	2.1	2.2	1.7	1.9	2.3	2.7	2.4
1957	2.7	2.7	3.3	2.6	2.2	2.2	1.6	1.6	2.0	2.2	2.7	3.4	2.4
1958	3.8	3.9	2.7	3.6	2.1	2.4	2.2	1.6	1.8	1.6	2.7	3.6	2.7
1959	3.1	3.6	3.1	2.3	2.5	2.4	1.9	1.7	1.8	2.5	2.4	3.2	2.5
1960	3.0	3.9	2.1	2.8	2.3	1.7	1.5	1.5	1.5	2.0	2.3	3.2	2.4
1961	3.4	3.6	3.5	2.3	2.4	2.0	1.5	1.5	1.5	1.9	2.5	3.0	2.4
1962	2.6	3.4	2.7	2.5	2.2	1.7	2.1	1.7	1.8	2.2	2.1	3.3	2.4
1963	3.6	3.8	3.1	2.5	2.3	2.7	2.1	1.6	1.9	2.4	2.8	3.2	2.7
1964	4.1	3.1	3.6	2.9	2.7	2.8	2.6	2.0	2.3	2.0	2.9	3.4	2.9
1965	3.8	3.1	2.9	2.4	2.6	2.7	2.0	1.6	1.7	2.0	2.5	3.3	2.5
1966	3.6	2.8	2.5	2.9	2.2	2.2	1.9	1.7	2.0	2.0	2.1	3.5	2.5
1967	3.3	2.9	2.3	2.5	2.2	2.4	1.9	1.5	2.1	2.4	2.4	3.4	2.4
1968	2.6	3.2	3.3	2.8	2.7	2.5	2.2	1.8	1.9	1.9	3.3	3.0	2.6
1969	2.9	3.5	3.3	3.2	2.7	2.3	2.2	1.9	1.9	2.5	2.4	5.1	2.8
1970	3.7	4.0	4.3	3.2	2.4	2.4	1.9	1.8	2.0	2.1	2.8	3.3	2.8
1971	2.6	3.1	3.3	3.3	2.6	2.6	2.4	1.9	2.0	2.1	2.4	3.0	2.6
1972	3.3	3.3	3.2	2.8	2.7	2.7	2.7	2.1	2.0	1.8	3.3	3.6	2.8
1973	3.8	3.9	4.1	3.5	3.4	3.1	3.1	2.7	2.9	2.2	2.8	3.8	3.3
1974	3.1	3.3	3.4	3.8	3.8	3.3	2.9	2.6	2.2	2.6	2.7	3.6	3.1
1975	2.7	3.2	3.4	2.6	2.6	3.0	2.6	2.2	1.6	2.2	2.4	2.6	2.6
MEAN	3.2	3.4	3.1	2.9	2.5	2.5	2.2	1.9	1.9	2.1	2.6	3.3	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 1 (32.20N 118.64W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.7	4.6	6.9	5.3	3.8	3.9	3.0	3.5	2.5	3.1	4.1	4.1
1957	3.6	6.1	4.9	5.2	3.4	4.3	2.5	2.6	2.9	3.7	4.1	5.2
1958	5.2	6.7	4.5	6.1	3.0	3.7	2.8	2.5	3.0	2.6	4.5	5.8
1959	5.6	5.0	4.7	3.6	3.9	3.7	2.6	2.8	2.7	3.8	5.6	5.6
1960	4.3	6.1	4.3	4.6	3.2	3.3	2.3	2.3	2.0	4.2	4.0	5.4
1961	5.3	4.8	5.0	3.7	4.9	3.0	2.3	2.3	2.6	3.7	4.3	4.3
1962	4.6	4.6	4.1	4.6	4.2	3.0	3.5	3.1	3.4	3.6	4.9	4.4
1963	5.6	5.6	5.5	4.9	4.0	5.0	3.7	2.5	2.8	4.4	5.0	5.8
1964	5.6	4.9	4.7	4.9	4.9	7.4	4.6	3.6	4.5	3.9	5.8	5.8
1965	5.7	4.4	4.3	3.9	5.3	4.8	2.9	2.3	2.7	4.2	4.5	5.1
1966	6.0	5.4	4.2	5.0	3.1	3.2	2.6	2.5	3.0	3.0	3.7	5.3
1967	5.7	4.4	3.9	4.3	4.5	5.1	3.3	2.4	2.7	3.3	3.7	7.0
1968	4.3	4.1	5.1	4.4	6.4	5.3	3.4	2.5	3.4	3.7	5.3	5.1
1969	5.2	4.9	6.4	4.3	5.1	3.5	5.3	2.7	3.1	4.6	4.0	7.5
1970	5.8	5.2	6.1	5.1	5.2	4.4	2.7	2.9	3.3	3.7	6.2	4.7
1971	4.5	5.0	6.1	6.5	4.8	4.2	4.2	3.0	3.5	4.0	4.3	4.4
1972	5.6	4.5	5.0	5.3	4.7	3.9	4.6	3.4	2.9	3.5	5.0	5.8
1973	6.1	5.6	5.8	6.1	6.2	5.8	4.5	4.0	4.7	4.1	5.2	6.3
1974	5.5	5.1	6.0	6.0	5.9	4.5	4.1	4.0	3.2	5.9	5.0	5.2
1975	4.5	5.2	5.6	3.9	5.4	7.0	3.8	3.3	2.8	3.7	4.0	3.9

20 YR. STATISTICS FOR PACIFIC STATION 1 (32.20N 118.64W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.6
MEAN PEAK WAVE PERIOD (SECONDS)=	10.2
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.0
STANDARD DEVIATION OF TP(SECONDS)=	2.6
LARGEST HS(METRES)=	7.5
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	16.7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	299.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	69122621

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	1	.	.	.	.	1
1.0-1.9	20	.	3	.	.	.	.	.	.	.	23
2.0-2.9	15	25	1	.	18	3	1	.	3	.	66
3.0-3.9	.	10	.	.	.	13	.	.	.	.	23
4.0-4.9	.	.	.	.	.	.	.	1	.	.	1
5.0-5.9	.	.	.	.	.	.	3	.	.	.	3
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	35	35	4	0	18	17	4	1	3	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 8.6 NO. OF CASES= 73.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	5	5	.	.	.	.	.	.	.	10
2.0-2.9	20	41	.	.	.	.	1	.	.	.	62
3.0-3.9	.	6	.	.	.	3	.	.	.	.	9
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	1	.	.	.	1	.	.	.	2
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	52	6	0	0	3	2	0	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 7.0 NO. OF CASES= 51.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	10	10	6	.	1	.	.	.	.	.	27
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	11	6	0	1	0	0	0	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 6.7 NO. OF CASES= 19.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	5	.	.	.	.	.	.	.	8
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	5	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4	5	0	0	0	0	5	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 10.6 NO. OF CASES= 9.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	6	.	.	5	.	.	.	.	.	11
3.0-3.9	.	20	.	.	.	.	.	.	.	.	20
4.0-4.9	.	.	5	1	.	.	.	.	.	.	6
5.0-5.9	.	.	3	6	.	.	.	.	.	.	9
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	26	8	7	5	0	0	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 8.1 NO. OF CASES= 29.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	5	.	.	1	.	.	.	.	.	6
3.0-3.9	.	5	.	.	.	.	.	.	.	.	5
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	10	0	0	1	0	0	0	0	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 7.0 NO. OF CASES= 7.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	8	.	.	.	.	.	.	.	.	9
3.0-3.9	.	.	.	.	.	.	6	.	.	.	6
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	8	0	0	0	0	6	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 9.3 NO. OF CASES= 10.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	1	.	.	.	.	.	.	.	.	4
3.0-3.9	.	8	1	.	.	.	.	.	.	.	9
4.0-4.9	.	5	.	.	.	.	.	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	14	1	0	0	0	0	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 6.8 NO. OF CASES= 12.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	3	5	.	.	.	.	.	.	.	8
4.0-4.9	.	1	11	.	.	.	.	.	.	.	12
5.0-5.9	.	.	3	.	.	.	.	.	.	.	3
6.0-6.9	.	.	1	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	1	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7	20	1	0	0	0	0	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 8.2 NO. OF CASES= 19.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	1	.	.	.	.	.	.	2
3.0-3.9	.	10	6	5	.	.	.	.	.	.	21
4.0-4.9	.	5	13	.	.	.	.	.	.	.	18
5.0-5.9	.	.	.	1	1	.	.	.	.	.	2
6.0-6.9	.	.	.	3	.	.	.	.	.	.	3
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	16	19	10	1	0	0	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 8.4 NO. OF CASES= 30.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	6	.	1	.	.	.	.	.	7
1.0-1.9	.	11	1	22	5	6	1	.	.	.	46
2.0-2.9	.	30	11	6	.	5	1	.	.	.	53
3.0-3.9	.	5	20	1	3	13	.	.	.	.	42
4.0-4.9	.	.	10	.	3	.	1	.	.	.	14
5.0-5.9	.	.	1	3	.	.	.	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	46	49	32	12	24	3	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 9.3 NO. OF CASES= 105.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	8	1	.	.	.	.	.	.	.	.	9
1.0-1.9	.	.	13	5	5	.	.	.	.	.	23
2.0-2.9	10	1	13	47	18	1	3	.	.	.	93
3.0-3.9	.	47	18	30	53	44	6	.	.	.	198
4.0-4.9	.	3	17	15	6	34	10	.	.	.	85
5.0-5.9	.	.	27	5	3	22	3	.	.	.	60
6.0-6.9	.	.	.	.	.	.	1	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18	52	88	102	85	101	23	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 6.1 MEAN TP(SEC)= 10.2 NO. OF CASES= 283.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	1		1			1	.	.	.	.	3
1.0-1.9	13	65	133	49	30	34	.	.	.	.	324
2.0-2.9	34	73	205	174	497	294	65	.	.	.	1342
3.0-3.9	3	53	53	63	328	773	215	.	.	.	1488
4.0-4.9	.	6	5	20	59	340	405	3	.	.	838
5.0-5.9	.	.	.	.	.	29	193	17	.	.	239
6.0-6.9	.	.	.	.	.	.	35	10	.	.	45
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	51	197	397	306	914	1471	913	30	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 11.7 NO. OF CASES= 2510.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	27	25	34			10					96
1.0-1.9	799	1853	5616	2742	1332	475	73	8	6	.	12904
2.0-2.9	1524	8104	3923	5379	8194	5032	912	53	1	.	33122
3.0-3.9	1	4245	944	590	3033	7387	3738	119	.	.	20057
4.0-4.9	.	231	936	49	157	1714	4034	381	.	.	7502
5.0-5.9	.	.	184	34	6	87	1088	706	.	.	2105
6.0-6.9	.	.	3	25	.	1	100	164	.	.	293
7.0-7.9	.	.	.	.	.	.	1	61	.	.	62
8.0-8.9	.	.	.	.	.	.	.	1	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2351	14458	11640	8819	12722	14706	9946	1493	7	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 8.0 MEAN TP(SEC)= 10.4 NO. OF CASES= 44513.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	27	61	5	6							99
1.0-1.9	1724	2191	1877	610	282	225	87	.	.	.	6996
2.0-2.9	1582	2958	1254	980	884	266	77	10	.	.	8041
3.0-3.9	.	545	217	133	537	528	63	3	.	.	2026
4.0-4.9	.	37	73	15	23	94	94	10	.	.	346
5.0-5.9	.	.	8	5	.	.	51	3	.	.	67
6.0-6.9	.	.	.	1	.	.	1	.	.	.	2
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3333	5792	3434	1750	1726	1143	373	26	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 6.3 MEAN TP(SEC)= 8.1 NO. OF CASES= 10283.

STATION 2 33.03N 120.80W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	3										3
1.0-1.9	54	5	15	11	8	5	1	.	.	.	99
2.0-2.9	111	241	27	49	56	22	11	.	1	.	518
3.0-3.9	.	92	27	6	13	15		.	.	.	153
4.0-4.9	.	6	22	.	.	8	3	1	.	.	40
5.0-5.9	.	.	.	.	.	.	6	.	.	.	6
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	168	344	91	66	77	50	21	1	1	0	

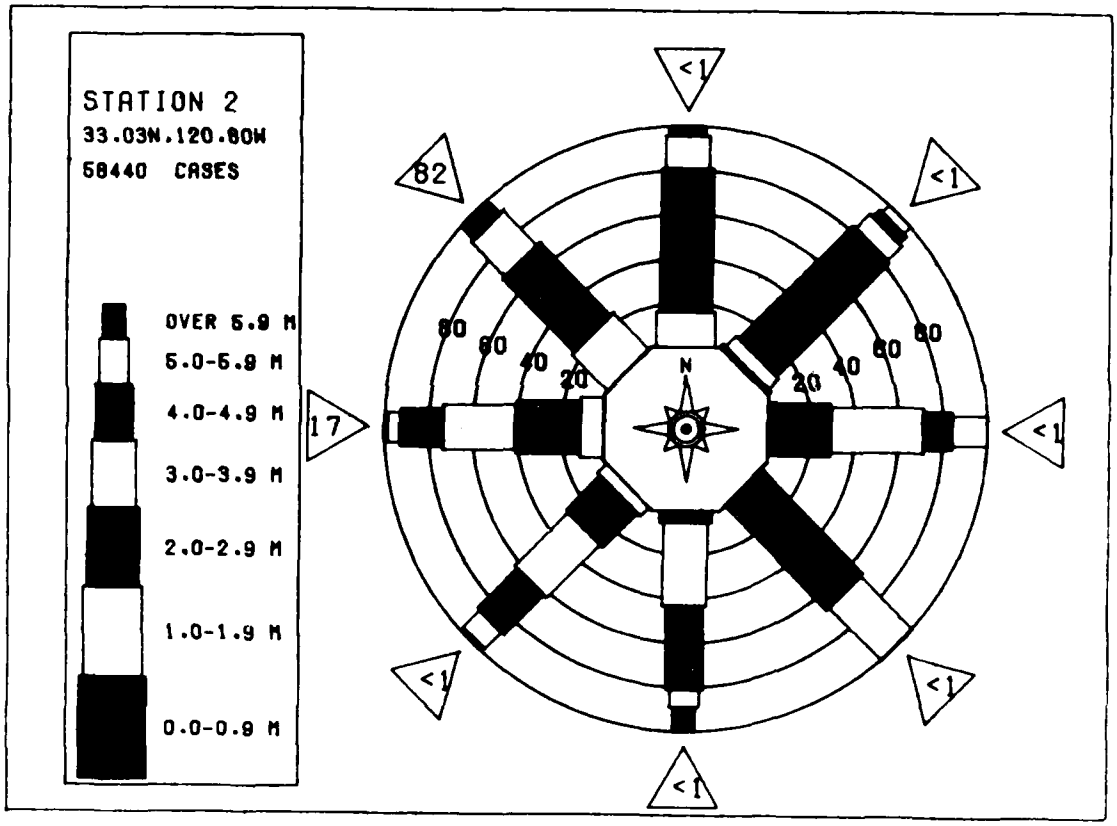
MEAN HS(M) = 2.6 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 7.9 NO. OF CASES= 487.

STATION 2 33.03N 120.80W FOR ALL DIRECTIONS

PERCENT OCCUPRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	TOTAL
0. -0.9	7	8	4	.	.	1	.	.	.	.	20
1.0-1.9	261	412	767	342	166	74	16	.	.	.	2038
2.0-2.9	331	1149	543	665	968	565	107	6	.	.	3334
3.0-3.9	.	508	128	83	396	877	403	12	.	.	2407
4.0-4.9	.	30	110	10	25	220	454	40	.	.	889
5.0-5.9	.	.	23	5	1	13	135	72	.	.	249
6.0-6.9	.	.	.	3	.	.	14	17	.	.	34
7.0-7.9	.	.	.	.	.	.	.	6	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	599	2107	1575	1108	1556	1750	1129	153	0	0	

MEAN HS(M)= 2.8 LARGEST HS(M)= 8.0 MEAN TP(SEC)= 10.0 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 2 (33.03N 120.80W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	2.9	3.3	3.0	2.7	2.4	2.9	2.2	2.4	1.9	2.0	2.4	2.8	2.6
1957	2.8	2.8	3.4	2.6	2.2	2.3	1.8	1.8	2.0	2.3	2.7	3.5	2.5
1958	4.0	4.2	2.8	3.8	2.1	2.4	2.3	1.7	2.0	1.9	2.9	3.6	2.8
1959	3.3	3.8	3.3	2.4	2.6	2.5	2.0	1.8	2.0	2.6	2.5	3.3	2.7
1960	3.2	4.0	2.3	2.9	2.5	1.8	1.6	1.7	1.6	2.2	3.0	3.4	2.5
1961	3.5	3.8	3.6	2.4	2.4	2.1	1.6	1.6	1.6	2.1	2.7	3.1	2.5
1962	2.6	3.5	2.8	2.6	2.2	1.9	2.2	1.9	2.0	2.4	3.2	3.4	2.6
1963	3.7	4.0	3.2	2.6	2.4	2.8	2.3	1.9	2.0	2.6	3.0	3.4	2.8
1964	4.2	3.2	3.3	3.0	2.7	2.9	2.8	2.2	2.4	2.1	2.7	3.6	2.9
1965	3.0	3.2	3.1	2.5	2.8	2.8	2.2	1.9	1.8	2.2	2.7	3.5	2.6
1966	3.8	2.9	2.7	3.0	2.3	2.4	2.1	1.9	2.2	2.2	2.2	3.7	2.6
1967	3.5	3.0	2.5	2.6	2.4	2.4	2.2	1.8	2.0	2.6	2.5	3.6	2.6
1968	2.7	3.4	3.5	3.0	2.8	2.6	2.4	2.0	2.0	2.9	3.4	3.1	2.8
1969	3.1	3.7	3.4	3.4	2.8	2.4	2.4	2.2	2.0	2.7	2.5	3.2	3.0
1970	3.9	4.1	4.4	3.3	2.5	2.5	2.0	2.1	2.1	2.2	3.0	3.4	3.0
1971	2.8	3.3	3.4	3.4	2.8	2.8	2.6	2.2	2.1	2.3	2.6	3.2	2.8
1972	3.6	3.4	3.4	2.9	2.7	2.7	2.7	2.3	2.0	2.0	3.6	3.1	2.9
1973	4.0	4.1	4.2	3.4	3.2	3.0	3.2	2.7	2.7	2.4	3.0	4.0	3.3
1974	3.3	3.4	3.5	3.7	3.6	3.1	2.8	2.5	2.2	2.6	2.9	3.9	3.1
1975	2.8	3.3	3.5	2.5	2.5	2.6	2.5	2.0	1.6	2.3	2.6	2.8	2.6
MEAN	3.3	3.5	3.3	2.9	2.6	2.5	2.3	2.0	2.0	2.3	2.8	3.5	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 2 (33.03N 120.80W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.3	4.6	6.9	5.2	3.8	4.5	3.8	3.8	2.9	3.1	4.2	4.2
1957	3.6	6.3	5.3	5.7	3.6	5.0	2.8	3.0	3.2	3.8	4.3	5.3
1958	5.4	7.0	4.6	6.6	3.3	3.7	3.4	2.7	3.4	3.1	4.8	5.9
1959	5.8	7.0	4.8	3.8	4.2	4.0	2.7	3.2	3.3	3.9	5.8	5.9
1960	4.6	5.9	4.4	4.8	3.6	3.6	2.7	2.4	2.5	4.6	4.1	5.5
1961	5.5	4.8	5.2	3.8	5.2	3.2	2.4	2.6	2.8	4.2	4.3	4.8
1962	4.2	5.4	4.3	4.5	4.0	2.8	3.9	3.2	3.5	4.1	5.0	4.6
1963	5.7	6.0	5.2	4.7	4.0	4.6	3.7	2.9	3.1	4.5	5.6	5.9
1964	5.9	5.0	5.0	4.5	4.5	6.8	5.1	3.9	5.0	3.3	4.3	6.1
1965	5.5	4.9	4.4	4.2	5.4	4.7	3.3	2.6	2.9	4.4	5.1	5.2
1966	6.2	5.4	4.5	4.9	3.3	3.2	2.9	2.8	3.2	3.3	3.8	5.6
1967	6.2	4.5	4.2	4.5	4.5	4.3	3.3	2.5	2.9	3.7	3.7	7.0
1968	4.4	4.6	5.3	5.1	6.0	5.4	3.6	2.9	3.5	3.7	5.3	4.8
1969	5.8	5.3	6.6	5.2	5.3	4.0	5.4	3.2	3.1	5.0	4.4	8.0
1970	5.9	5.6	6.2	5.8	5.2	5.1	3.0	3.3	3.9	3.9	6.5	4.8
1971	4.6	5.6	6.1	6.8	5.1	4.4	4.2	3.4	3.8	4.2	4.6	5.0
1972	6.1	4.6	5.3	4.9	4.5	3.8	3.9	4.1	2.8	3.4	5.2	5.9
1973	6.4	5.7	6.1	6.3	5.3	5.5	4.2	4.6	3.9	4.2	5.0	6.5
1974	5.4	5.1	6.1	5.9	5.0	4.3	4.4	3.8	3.0	6.0	5.2	6.7
1975	4.7	5.3	5.9	4.0	5.1	5.4	3.6	3.2	2.9	4.0	4.2	4.0

20 YR. STATISTICS FOR PACIFIC STATION 2 (33.03N 120.80W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.8
MEAN PEAK WAVE PERIOD (SECONDS)=	10.1
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.0
STANDARD DEVIATION OF TP(SECONDS)=	2.7
LARGEST HS(METRES)=	8.0
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	16.7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	297.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	69122700

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	5	.	.	.	.	.	.	.	.	11
2.0-2.9	5	30	.	.	1	.	.	.	1	.	37
3.0-3.9	.	8	.	3	.	.	.	3	3	.	17
4.0-4.9	.	6	.	.	.	.	.	.	.	.	6
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	49	1	3	1	0	0	3	4	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 8.1 NO. OF CASES= 46.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	5	.	.	.	.	.	.	.	5
2.0-2.9	.	11	.	.	.	.	.	.	.	.	11
3.0-3.9	.	10	.	.	.	.	.	1	.	.	11
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	21	5	0	0	0	0	1	0	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 7.6 NO. OF CASES= 17.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	3	.	.	.	.	.	.	.	3
2.0-2.9	.	1	5	.	.	.	.	.	.	.	6
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	8	0	0	0	0	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 7.9 NO. OF CASES= 6.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	6	.	.	.	.	.	.	.	9
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	1	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6	6	0	0	0	0	1	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 8.7 NO. OF CASES= 9.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	1	.	.	.	.	1	.	.	.	2
4.0-4.9	.	.	5	6	.	.	.	.	.	.	11
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											
TOTAL	0	1	5	6	0	0	1	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 9.6 NO. OF CASES= 9.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	5	.	.	.	.	3	.	.	.	8
4.0-4.9	.	3	.	.	.	.	.	.	.	.	3
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											
TOTAL	0	8	0	0	0	0	3	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 9.4 NO. OF CASES= 7.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGE	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	6	.	.	1	.	.	.	.	.	7
3.0-3.9	.	5	.	.	.	.	1	.	.	.	6
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											
TOTAL	0	11	0	0	1	0	1	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.9 NO. OF CASES= 9.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	1	.	.	.	.	.	2
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	1	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	1	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											
TOTAL	0	5	2	0	1	0	0	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 7.8 NO. OF CASES= 7.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	6	.	3	.	.	.	.	.	12
3.0-3.9	.	5	.	.	1	.	.	.	.	.	6
4.0-4.9	.	5	1	.	.	.	.	.	.	.	6
5.0-5.9	.	.	3	.	.	.	.	.	.	.	3
6.0-6.9	.	.	.	1	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	1	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	13	10	1	5	0	0	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 8.4 NO. OF CASES= 20.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	5	1	1	.	.	.	.	.	8
3.0-3.9	.	13	20	.	.	.	.	.	.	.	33
4.0-4.9	.	5	34	.	.	.	.	.	.	.	39
5.0-5.9	.	.	20	5	1	3	.	.	.	.	29
6.0-6.9	.	.	.	10	3	3	.	.	.	.	16
7.0-7.9	.	.	.	.	3	1	.	.	.	.	4
8.0-8.9	.	.	.	.	3	.	.	.	.	.	3
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	18	79	16	11	7	0	0	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 9.0 NO. OF CASES= 82.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	.	.	.	.	.	.	.	.	.	5
2.0-2.9	10	49	25	8	3	.	.	.	.	.	95
3.0-3.9	.	68	17	22	11	11	.	.	.	.	129
4.0-4.9	.	23	54	13	3	15	6	.	.	.	114
5.0-5.9	.	.	41	1	1	10	.	.	.	.	53
6.0-6.9	.	.	.	.	1	1	6	.	.	.	8
7.0-7.9	.	.	.	3	3	.	.	.	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15	140	137	47	22	37	12	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 7.9 MEAN TP(SEC)= 8.8 NO. OF CASES= 248.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	8	1	.	.	.	.	.	.	.	14
2.0-2.9	17	75	47	77	44	20	.	.	.	.	280
3.0-3.9	.	59	54	68	131	97	8	.	.	.	417
4.0-4.9	.	29	61	23	73	138	23	.	.	.	347
5.0-5.9	.	.	39	22	11	61	41	.	.	.	174
6.0-6.9	.	.	1	6	.	5	49	.	.	.	61
7.0-7.9	.	.	.	.	.	.	1	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22	171	203	196	259	321	122	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 10.5 NO. OF CASES= 766.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	20	47	49	34	41	13	.	.	.	.	[illegible]
2.0-2.9	59	68	193	299	463	183	47	.	.	.	1312
3.0-3.9	.	70	56	133	470	857	205	5	.	.	1796
4.0-4.9	.	11	8	8	124	609	600	5	.	.	1365
5.0-5.9	.	.	6	.	3	63	349	29	.	.	[illegible]
6.0-6.9	.	.	.	.	.	10	88	56	.	.	154
7.0-7.9	.	.	.	.	.	.	11	.	.	.	11
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	79	196	312	474	1101	1735	1300	95	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 7.2 MEAN TP(SEC)= 11.9 NO. OF CASES= 3103.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5		3								8
1.0-1.9	107	195	1048	896	597	213	23	.	5	.	[illegible]
2.0-2.9	140	1397	903	2399	5167	3037	530	23	1	.	[illegible]
3.0-3.9	.	1435	253	355	2813	6471	2943	83	.	.	[illegible]
4.0-4.9	.	77	256	46	195	2045	3798	326	.	.	[illegible]
5.0-5.9	.	.	61	5	18	140	1244	627	.	.	[illegible]
6.0-6.9	.	.	1	10	.	1	172	150	.	.	[illegible]
7.0-7.9	.	.	.	.	.	.	.	87	.	.	87
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	252	3094	2525	3711	8790	11908	8710	1296	6	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 11.7 NO. OF CASES= 23560.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9			6								6
1.0-1.9	970	2262	2635	694	333	154	51	.	.	.	[illegible]
2.0-2.9	1789	10164	6906	3422	2631	1086	234	10	.	.	[illegible]
3.0-3.9	.	3157	2361	1245	1806	1757	269	32	.	.	[illegible]
4.0-4.9	.	99	824	268	174	619	306	11	.	.	[illegible]
5.0-5.9	.	1	75	42	3	39	172	3	.	.	[illegible]
6.0-6.9	.	.	.	6	.	.	17	10	.	.	[illegible]
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	2759	15683	12807	5677	4947	3655	1069	66	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 8.7 NO. OF CASES= 27091.

STATION 3 33.83N 123.00W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	143	386	280	.	3	1	5	.	.	.	[illegible]
2.0-2.9	254	1805	1107	51	37	15	10	.	5	.	[illegible]
3.0-3.9	.	667	420	80	11	29	3	1	.	.	[illegible]
4.0-4.9	.	6	184	18	.	8	1	.	.	.	[illegible]
5.0-5.9	.	.	22	5	.	.	3	.	.	.	[illegible]
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	397	2884	2013	154	51	53	22	1	5	0	

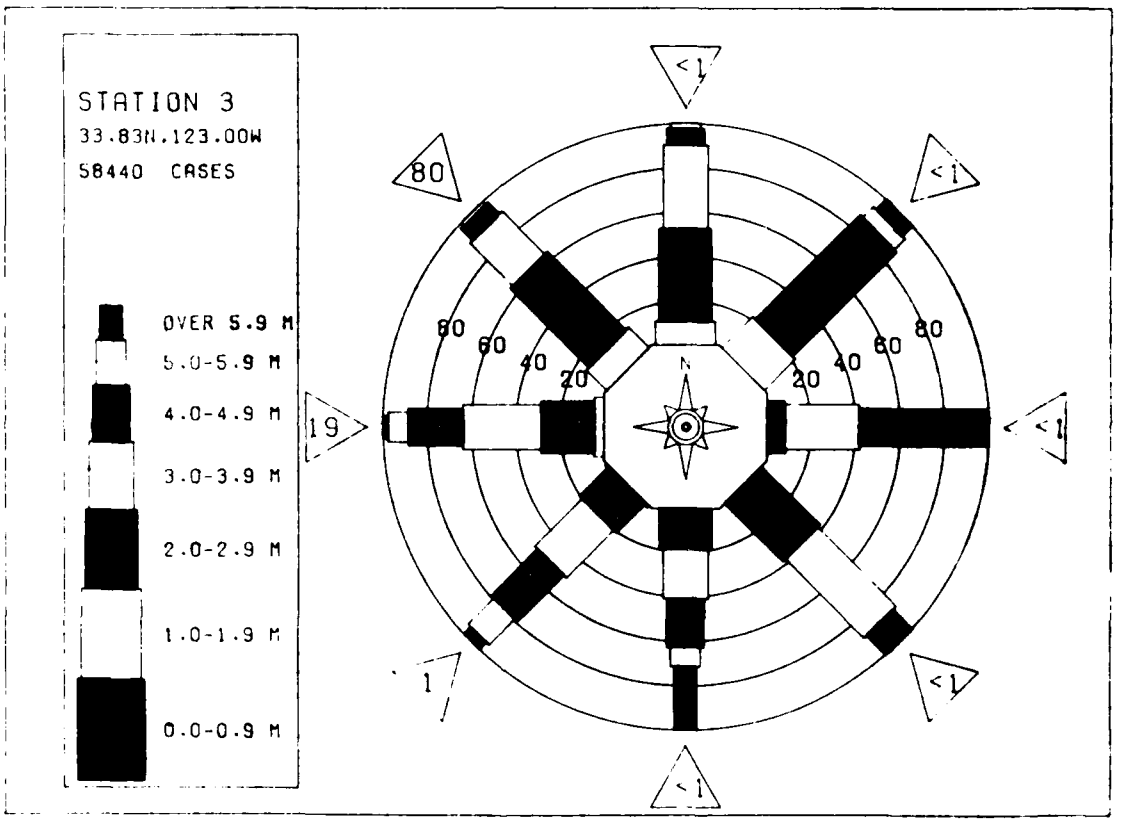
MEAN HS(M) = 2.6 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 7.7 NO. OF CASES= 3270.

STATION 3 33.83N 123.00W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9			1								1
1.0-1.9	125	290	402	162	97	38	8	.	.	.	1122
2.0-2.9	227	1361	920	625	835	434	82	3	.	.	4487
3.0-3.9	.	553	318	190	524	922	345	12	.	.	2864
4.0-4.9	.	27	143	38	57	343	473	34	.	.	1115
5.0-5.9	.	.	27	8	4	31	181	66	.	.	317
6.0-6.9	.	.	.	3	.	2	33	21	.	.	59
7.0-7.9	.	.	.	.	.	.	1	8	.	.	9
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	352	2231	1811	1026	1517	1770	1123	144	0	0	

MEAN HS(M)= 3.0 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 10.1 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 3 (33.83N 123.00W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.2	3.5	3.1	2.9	2.5	3.0	2.4	2.5	2.0	2.2	2.6	3.0	2.8
1957	3.1	3.1	3.5	3.0	2.5	2.7	2.5	2.3	2.1	2.5	2.9	3.7	2.8
1958	4.2	4.4	3.1	4.1	2.2	2.5	2.4	2.0	2.2	2.2	3.1	3.8	3.0
1959	3.7	4.1	3.5	2.8	2.8	2.8	2.5	2.3	2.4	3.0	2.8	3.5	3.0
1960	3.5	4.2	2.6	3.2	2.8	2.4	2.2	2.2	2.1	2.5	3.4	3.6	2.9
1961	3.8	4.0	3.7	2.8	2.5	2.4	2.2	1.9	2.2	2.7	3.0	3.4	2.9
1962	2.9	3.8	3.0	2.8	2.5	2.4	2.6	2.2	2.3	2.7	3.4	3.6	2.9
1963	3.9	4.2	3.4	2.7	2.4	3.1	2.5	2.2	2.1	2.9	3.2	3.5	3.0
1964	4.4	3.4	3.5	3.4	2.7	2.7	2.8	2.4	2.6	2.3	2.8	3.8	3.1
1965	3.2	3.5	3.3	2.9	3.2	3.1	2.4	2.1	2.1	2.4	3.0	3.8	2.9
1966	4.0	3.1	3.0	3.3	2.7	2.6	2.4	2.4	2.3	2.5	2.5	3.9	2.9
1967	3.7	3.1	2.7	2.6	2.4	2.4	2.5	2.1	2.3	2.7	2.7	3.9	2.8
1968	3.1	3.6	3.6	3.4	2.7	2.7	2.6	2.0	2.0	2.4	3.6	3.4	2.9
1969	3.4	4.0	3.9	3.5	2.8	2.5	2.8	2.7	2.2	2.8	2.7	5.4	3.2
1970	4.2	4.3	4.7	3.6	2.5	2.6	2.4	2.4	2.3	2.3	3.2	3.7	3.2
1971	3.1	3.4	3.6	3.4	3.0	2.7	2.7	2.3	2.2	2.7	2.9	3.5	3.0
1972	3.7	3.5	3.4	3.1	2.9	2.9	2.9	2.5	2.1	2.3	3.8	3.3	3.0
1973	4.2	4.4	4.3	3.6	3.2	3.2	3.4	2.9	2.6	2.6	3.2	4.2	3.5
1974	3.5	3.5	3.7	3.7	3.5	3.2	2.9	2.7	2.3	2.8	3.1	4.1	3.3
1975	2.9	3.5	3.7	2.6	2.6	2.5	2.4	2.1	1.8	2.4	2.7	2.9	2.7
MEAN	3.6	3.7	3.4	3.2	2.7	2.7	2.6	2.3	2.2	2.6	3.0	3.7	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 3 (33.83N 123.00W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.1	5.5	5.3	5.1	4.2	4.4	3.6	3.5	2.9	2.9	4.3	4.6
1957	4.6	6.8	5.4	5.6	4.0	4.2	3.8	3.3	3.3	4.2	4.3	5.4
1958	5.7	7.1	4.7	7.1	3.1	4.3	3.4	3.1	3.1	4.1	5.0	6.1
1959	5.9	8.7	4.8	3.9	4.7	4.1	3.3	3.3	3.4	5.0	6.0	5.8
1960	6.0	5.9	4.4	5.4	4.2	3.9	3.4	3.2	3.2	5.5	4.8	6.0
1961	5.6	5.2	5.6	4.7	5.0	3.3	3.1	2.9	3.2	5.3	4.6	5.0
1962	4.3	5.8	5.1	4.1	3.4	3.7	4.1	2.8	3.7	5.3	5.2	4.9
1963	7.1	6.7	5.5	4.4	3.6	4.7	3.2	3.3	3.2	4.7	5.2	5.8
1964	6.3	5.0	4.9	4.8	4.5	5.0	4.3	3.6	4.1	3.5	4.2	6.3
1965	5.7	5.5	4.5	4.2	5.2	4.4	3.7	2.9	3.7	4.6	5.8	5.5
1966	6.4	5.5	4.8	4.8	3.8	3.7	3.4	3.1	3.5	3.7	4.0	5.7
1967	6.4	4.6	4.1	3.6	4.5	3.7	3.1	3.1	3.2	3.9	3.9	7.3
1968	4.6	5.0	5.5	4.8	4.6	4.4	3.3	2.8	3.7	3.9	4.9	5.4
1969	6.1	5.5	6.7	5.0	5.2	3.7	4.5	3.8	3.1	4.7	5.1	7.8
1970	7.0	5.7	6.5	5.9	3.7	5.2	3.2	3.3	4.2	3.9	6.5	5.2
1971	4.8	6.1	6.2	5.5	5.4	3.8	4.0	3.0	3.4	4.4	5.3	5.5
1972	6.1	4.7	5.2	5.2	4.3	4.0	4.1	4.1	3.2	4.0	5.5	5.6
1973	6.5	6.0	6.2	5.8	4.6	4.7	4.8	3.8	4.2	4.4	4.9	6.8
1974	5.3	4.8	6.5	6.0	4.6	5.0	4.8	3.7	3.2	6.0	5.4	7.9
1975	4.8	5.4	6.6	4.0	4.6	4.3	3.7	2.9	2.3	4.1	4.1	4.2

20 YR. STATISTICS FOR PACIFIC STATION 3 (33.83N 123.00W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.0
MEAN PEAK WAVE PERIOD (SECONDS)=	10.2
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	315.0
STANDARD DEVIATION OF HS(METRES)=	1.0
STANDARD DEVIATION OF TP(SECONDS)=	2.6
LARGEST HS(METRES)=	8.7
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	11.1
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	193.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	59021606

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	177	.	.	.	.	.	1	1	.	182
3.0-3.9	.	123	18	.	.	3	.	.	1	.	145
4.0-4.9	.	.	44	3	.	.	.	.	.	.	47
5.0-5.9	.	.	15	.	.	.	.	.	.	.	15
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	300	77	3	0	3	0	1	2	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 7.4 NO. OF CASES= 231.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	13	.	.	.	.	.	.	.	.	14
3.0-3.9	.	5	.	.	.	.	.	.	.	.	5
4.0-4.9	.	5	.	.	.	.	.	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	23	0	0	0	0	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 6.6 NO. OF CASES= 15.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	0	0	0	0	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 7.0 NO. OF CASES= 1.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 6.9 NO. OF CASES= 3.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	1	0	0	0	0	0	0	0	

MEAN HS(M) = 5.6 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 9.0 NO. OF CASES= 1.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	10	.	.	.	.	.	.	.	.	10
4.0-4.9	.	6	6	.	.	.	.	.	.	.	12
5.0-5.9	.	.	6	.	.	.	.	.	.	.	6
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	1	.	.	.	.	.	1
8.0-8.9	.	.	.	.	3	.	.	.	.	.	3
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	16	12	0	4	0	0	0	0	0	

MEAN HS(M) = 4.9 LARGEST HS(M)= 8.6 MEAN TP(SEC)= 8.3 NO. OF CASES= 21.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	6	.	.	1	.	.	.	.	.	7
3.0-3.9	.	15	8	.	.	.	.	.	.	.	23
4.0-4.9	.	6	30	.	.	.	.	.	.	.	36
5.0-5.9	.	.	11	3	.	.	.	.	.	.	14
6.0-6.9	.	.	.	15	.	.	.	.	.	.	15
7.0-7.9	.	.	.	1	6	.	.	.	.	.	7
8.0-8.9	.	.	.	.	1	3	.	.	.	.	4
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	27	49	19	8	3	0	0	0	0	

MEAN HS(M) = 4.9 LARGEST HS(M)= 8.3 MEAN TP(SEC)= 8.7 NO. OF CASES= 67.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	8	25	1	1	1	.	.	.	.	.	36
3.0-3.9	.	41	37	1	5	1	.	.	.	.	85
4.0-4.9	.	20	83	5	18	3	1	.	.	.	130
5.0-5.9	.	.	61	54	6	.	1	.	.	.	122
6.0-6.9	.	.	6	56	23	3	6	.	.	.	94
7.0-7.9	.	.	.	3	13	5	.	.	.	.	21
8.0-8.9	.	.	.	.	1	15	.	.	.	.	16
9.0-9.9	.	.	.	.	1	5	.	.	.	.	6
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	86	188	120	68	32	8	0	0	0	

MEAN HS(M) = 5.0 LARGEST HS(M)= 9.5 MEAN TP(SEC)= 9.3 NO. OF CASES= 310.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	3	.	.	.	.	.	.	.	.	4
2.0-2.9	10	51	17	25	5	.	1	.	.	.	109
3.0-3.9	.	116	44	58	53	5	8	.	.	.	284
4.0-4.9	.	27	152	34	80	85	1	.	.	.	379
5.0-5.9	.	.	165	90	23	27	10	.	.	.	315
6.0-6.9	.	.	3	56	10	13	6	.	.	.	88
7.0-7.9	.	.	1	.	3	8	27	.	.	.	39
8.0-8.9	.	.	.	3	6	5	.	.	.	.	14
9.0-9.9	.	.	.	.	1	3	.	.	.	.	4
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	197	382	266	181	146	53	0	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 9.0 MEAN TP(SEC)= 9.7 NO. OF CASES= 733.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	23	11	.	.	.	.	.	.	.	39
2.0-2.9	29	100	109	63	100	23	3	.	1	.	428
3.0-3.9	.	116	65	111	229	167	30	.	.	.	738
4.0-4.9	.	32	126	30	128	294	100	.	.	.	710
5.0-5.9	.	.	88	51	63	201	97	.	.	.	500
6.0-6.9	.	.	5	23	6	11	71	1	.	.	117
7.0-7.9	.	.	.	3	5	1	13	1	.	.	23
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	5	3	5	.	.	.	13
10.0+	.	.	.	.	.	3	.	.	.	.	3
TOTAL	34	271	424	281	536	703	319	2	1	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 10.8 NO. OF CASES= 1517.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	47	140	111	15	17	1	1	.	.	340
2.0-2.9	42	140	326	395	669	438	41	22	1	.	2074
3.0-3.9	.	112	87	203	966	1485	477	20	1	.	3351
4.0-4.9	.	30	53	23	253	1093	816	18	.	.	2286
5.0-5.9	.	1	17	8	27	205	653	51	.	.	962
6.0-6.9	.	.	.	8	.	10	136	80	.	.	234
7.0-7.9	.	.	.	3	.	3	35	10	.	.	51
8.0-8.9	.	.	.	.	.	.	11	10	.	.	21
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	50	330	623	751	1930	3251	2170	214	2	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 11.9 NO. OF CASES= 5461.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	6	.	10	8	.	.	.	.	.	.	24
1.0-1.9	104	321	1540	980	670	217	27	.	.	.	3359
2.0-2.9	208	937	997	2873	4931	2760	527	20	.	.	13253
3.0-3.9	.	1293	193	453	3401	5412	2140	109	5	.	13006
4.0-4.9	.	99	321	49	438	2520	2880	225	3	.	6535
5.0-5.9	.	.	78	37	23	278	1262	415	.	.	2093
6.0-6.9	.	.	.	6	.	3	155	220	.	.	384
7.0-7.9	.	.	.	.	.	3	42	68	.	.	113
8.0-8.9	.	.	.	.	.	.	5	34	.	.	39
9.0-9.9	.	.	.	.	.	.	.	6	.	.	6
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	318	2650	3139	4406	9463	11193	7138	1097	8	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 9.2 MEAN TP(SEC)= 11.5 NO. OF CASES= 23048.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	41	17	29	3	.	.	1	.	.	.	90
1.0-1.9	953	1723	2399	465	176	68	11	.	.	.	5795
2.0-2.9	1594	7876	3677	2409	1849	816	131	.	.	.	18352
3.0-3.9	.	3684	1498	646	1611	1290	172	35	.	.	8936
4.0-4.9	.	172	961	136	112	621	265	3	.	.	2270
5.0-5.9	.	.	222	54	5	53	119	23	.	.	476
6.0-6.9	.	.	3	3	.	.	39	10	.	.	55
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2588	13472	8789	3716	3753	2848	737	71	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 8.6 NO. OF CASES= 21035.

STATION 4 36.21N 124.42W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	208	451	207	.	8	.	.	.	.	.	874
2.0-2.9	376	3886	1026	32	30	6	.	1	5	.	5362
3.0-3.9	.	2104	835	78	6	3	6	1	.	.	3033
4.0-4.9	.	51	662	39	.	22	6	.	.	.	780
5.0-5.9	.	.	145	42	1	3	.	.	.	.	191
6.0-6.9	.	.	1	1	1	.	.	.	.	.	3
7.0-7.9	.	.	.	.	1	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	584	6492	2876	192	47	34	12	2	5	0	

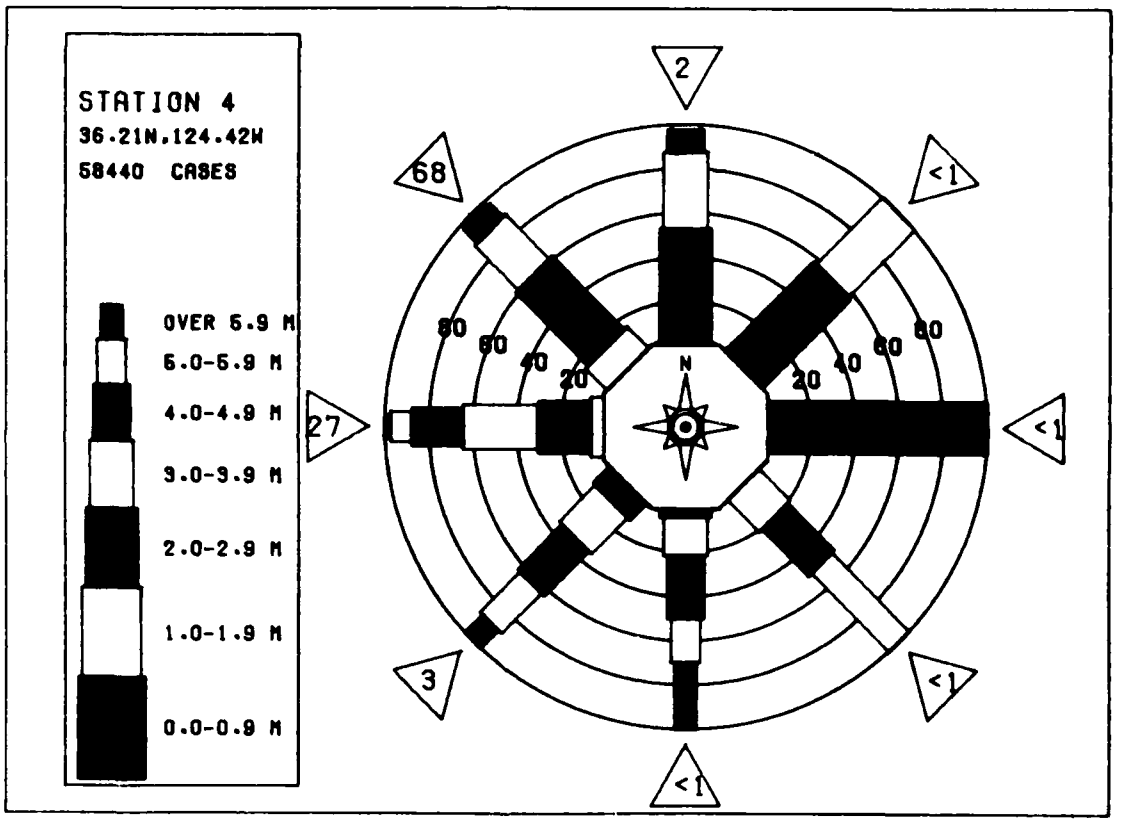
MEAN HS(M) = 2.9 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 7.4 NO. OF CASES= 5997.

STATION 4 36.21N 124.42W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	4	1	3	1							9
1.0-1.9	128	257	429	155	87	30	4	.	.	.	1093
2.0-2.9	227	1322	615	580	759	404	70	4	1	.	[illegible]
3.0-3.9	.	762	280	155	627	836	283	16	.	.	[illegible]
4.0-4.9	.	45	244	32	103	464	417	24	.	.	1379
5.0-5.9	.	.	81	34	15	77	214	49	.	.	[illegible]
6.0-6.9	.	.	2	17	4	4	41	31	.	.	[illegible]
7.0-7.9	.	.	.	1	3	2	11	8	.	.	25
8.0-8.9	.	.	.	.	1	2	1	4	.	.	8
9.0-9.9	.	.	.	.	.	1	.	.	.	.	1
10.0+											0
TOTAL	359	2387	1654	975	1599	1820	1041	136	1	0	

MEAN HS(M)= 3.1 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 10.0 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 4 (36.21N 124.42W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.7	3.7	3.1	2.8	2.7	2.9	2.3	2.6	1.8	2.5	2.6	2.9	2.8
1957	3.2	3.4	3.4	3.0	2.7	2.7	2.6	2.4	2.3	2.6	3.3	3.9	3.0
1958	4.4	4.6	3.2	4.0	2.2	2.4	2.3	2.1	2.3	2.4	3.3	3.9	3.1
1959	4.1	4.3	3.5	3.1	2.9	2.8	2.6	2.3	2.7	3.1	2.8	3.7	3.2
1960	4.0	4.5	2.7	3.1	2.8	2.5	2.3	2.3	2.0	2.7	3.8	3.8	3.0
1961	4.2	4.0	3.8	2.9	2.5	2.5	2.3	1.7	2.3	3.0	3.2	3.4	3.0
1962	3.0	3.8	3.3	2.9	2.5	2.5	2.7	2.3	2.4	2.9	3.9	3.7	3.0
1963	3.4	4.2	3.6	2.7	2.5	2.2	2.5	2.3	2.1	3.3	3.6	3.5	3.1
1964	4.8	3.3	3.6	3.6	2.7	2.6	2.8	2.5	2.5	2.4	3.3	4.3	3.2
1965	3.6	3.6	3.2	3.1	3.4	3.1	2.3	2.0	2.3	2.5	3.3	4.3	3.1
1966	4.1	3.4	3.2	3.2	2.9	2.6	2.5	2.6	2.3	2.6	2.8	4.0	3.0
1967	3.9	3.5	3.0	2.8	2.4	2.3	2.5	2.1	2.6	3.1	3.0	4.2	2.9
1968	3.5	3.7	3.6	3.5	2.5	2.6	2.6	2.0	2.0	2.7	3.9	4.0	3.1
1969	3.4	4.5	3.6	3.8	2.7	2.6	2.8	2.8	2.3	3.1	3.0	5.7	3.4
1970	4.5	4.5	4.6	3.8	2.7	2.6	2.6	2.4	2.2	2.5	3.5	4.1	3.3
1971	3.6	3.4	3.6	3.6	3.1	2.6	2.6	2.4	2.4	2.8	3.3	3.8	3.1
1972	3.9	3.7	3.3	3.3	3.0	3.0	2.8	2.6	2.2	2.3	4.2	3.7	3.2
1973	4.6	4.5	4.4	3.7	3.3	3.4	3.4	3.1	2.7	2.8	3.7	4.5	3.7
1974	3.9	3.5	3.9	3.7	3.8	3.3	2.9	2.8	2.3	3.0	3.3	4.2	3.4
1975	2.8	3.5	3.7	2.7	2.9	2.7	2.5	2.2	2.0	2.7	2.9	3.1	2.8
MEAN	3.8	3.9	3.5	3.3	2.8	2.7	2.6	2.4	2.3	2.7	3.3	3.9	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 4 (36.21N 124.42W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.5	6.4	5.1	5.1	5.1	4.6	4.4	4.0	3.3	4.1	4.0	4.1
1957	5.9	10.1	5.7	6.0	4.4	4.4	4.4	3.1	3.7	4.6	6.0	5.9
1958	6.3	6.7	6.1	8.2	3.5	4.6	3.3	3.4	3.5	4.1	6.3	6.1
1959	7.0	8.6	5.1	4.6	4.6	4.5	3.9	3.4	3.9	6.1	6.3	5.8
1960	9.5	7.2	4.5	5.3	4.2	4.4	3.3	3.3	3.3	5.4	6.8	6.7
1961	7.1	4.9	6.7	4.9	4.8	3.5	3.5	2.4	3.4	5.5	5.3	4.6
1962	4.3	6.3	6.3	4.4	4.0	4.0	4.5	3.4	3.5	7.1	5.9	7.1
1963	9.0	8.8	5.3	4.7	3.5	5.3	4.0	4.1	3.1	4.9	4.9	6.5
1964	9.2	4.9	5.0	5.4	5.5	4.8	3.8	4.4	4.5	4.0	5.2	7.0
1965	6.5	6.8	4.5	5.3	5.7	4.6	4.1	3.1	4.6	4.8	7.1	7.9
1966	7.0	5.7	4.8	4.5	5.0	3.9	4.0	3.4	3.6	4.5	4.4	5.7
1967	6.6	5.5	6.5	4.2	4.9	3.9	3.4	3.5	3.6	5.5	4.3	6.0
1968	5.3	5.1	4.6	5.2	4.4	4.3	3.8	3.3	4.1	4.4	5.8	7.0
1969	6.0	6.8	5.8	5.1	5.2	3.6	4.3	4.7	3.3	4.8	6.1	8.9
1970	7.9	6.1	7.3	6.3	4.4	5.1	3.8	3.8	4.0	4.1	5.6	6.4
1971	5.8	5.2	5.5	5.7	5.8	3.8	4.5	3.5	4.2	5.2	5.9	5.6
1972	6.6	5.1	4.8	5.6	4.9	4.9	4.0	5.0	3.5	3.2	5.9	6.4
1973	7.8	6.5	6.8	5.7	5.1	5.0	5.3	4.3	4.5	5.3	5.9	7.8
1974	7.7	5.8	6.8	5.2	5.4	5.9	5.6	4.0	3.3	6.5	6.0	7.0
1975	5.5	5.4	7.0	4.6	5.7	4.4	4.5	3.5	3.0	4.6	4.2	5.1

20 YR. STATISTICS FOR PACIFIC STATION 4 (36.21N 124.42W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.1
MEAN PEAK WAVE PERIOD (SECONDS)=	10.1
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.1
STANDARD DEVIATION OF TP(SECONDS)=	2.7
LARGEST HS(METRES)=	10.1
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	12.5
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	237.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	57022406

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	3	.	.	.	.	.	.	.	.	6
2.0-2.9	32	340	3	.	.	.	.	.	.	.	375
3.0-3.9	.	436	70	.	.	.	.	.	1	.	507
4.0-4.9	.	25	260	.	.	.	.	.	.	.	285
5.0-5.9	.	.	90	5	.	.	.	.	.	.	95
6.0-6.9	.	.	.	23	.	.	.	.	.	.	23
7.0-7.9	.	.	.	1	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	35	804	423	29	0	0	0	0	1	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 7.5 NO. OF CASES= 759.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	1	10	.	.	.	.	.	.	.	11
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	10	0	0	0	0	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 8.2 NO. OF CASES= 7.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	1	1	.	.	.	.	2
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	0	1	1	0	1	1	0	0	0	0	

MEAN HS(M) = 6.7 LARGEST HS(M)= 8.6 MEAN TP(SEC)= 9.8 NO. OF CASES= 4.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	8	.	.	.	.	.	.	.	.	11
3.0-3.9	.	15	6	.	.	1	.	.	.	.	22
4.0-4.9	.	18	59	.	.	1	.	.	.	.	78
5.0-5.9	.	1	47	5	1	.	.	.	.	.	54
6.0-6.9	.	.	6	34	18	.	.	.	.	.	58
7.0-7.9	.	.	.	6	35	3	.	.	.	.	44
8.0-8.9	.	.	.	.	22	6	.	.	.	.	28
9.0-9.9	.	.	.	.	.	11	.	.	.	.	11
10.0+	.	.	.	.	.	10	.	.	.	.	10
TOTAL	3	42	118	45	76	32	0	0	0	0	

MEAN HS(M) = 6.0 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 9.6 NO. OF CASES= 193.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	22	10	1	3	.	.	.	.	.	37
3.0-3.9	.	68	17	3	11	5	.	.	.	.	104
4.0-4.9	.	30	165	1	25	23	1	.	.	.	245
5.0-5.9	.	.	123	49	35	3	5	.	.	.	215
6.0-6.9	.	.	27	71	59	3	.	.	.	.	160
7.0-7.9	.	.	.	34	95	1	3	.	.	.	133
8.0-8.9	.	.	.	.	13	10	3	.	.	.	26
9.0-9.9	.	.	.	.	1	5	6	.	.	.	12
10.0+	.	.	.	.	.	3	5	.	.	.	8
TOTAL	1	120	342	159	242	53	23	0	0	0	

MEAN HS(M) = 5.5 LARGEST HS(M)= 11.5 MEAN TP(SEC)= 9.7 NO. OF CASES= 561.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	5	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	22	59	18	6	8	1	.	.	.	.	114
3.0-3.9	.	157	68	65	56	54	1	.	.	.	401
4.0-4.9	.	97	189	13	53	75	29	.	.	.	456
5.0-5.9	.	6	177	68	63	82	30	.	.	.	426
6.0-6.9	.	.	32	119	80	70	56	3	.	.	360
7.0-7.9	.	.	.	22	58	18	18	.	.	.	116
8.0-8.9	.	.	.	1	13	5	8	.	.	.	27
9.0-9.9	.	.	.	.	3	10	5	.	.	.	18
10.0+	.	.	.	.	1	11	1	.	.	.	13
TOTAL	23	319	484	294	340	326	148	3	0	0	

MEAN HS(M) = 5.1 LARGEST HS(M)= 10.6 MEAN TP(SEC)= 10.0 NO. OF CASES= 1146.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	1	.	.	.	.	.	0
1.0-1.9	3	20	58	.	1	.	.	.	.	.	82
2.0-2.9	27	82	193	95	121	15	3	.	.	.	536
3.0-3.9	1	164	112	155	352	242	42	3	.	.	1071
4.0-4.9	.	56	152	85	350	484	147	5	.	.	1279
5.0-5.9	.	3	124	71	107	308	254	8	.	.	875
6.0-6.9	.	.	13	77	30	135	213	13	.	.	481
7.0-7.9	.	.	.	8	13	44	53	20	.	.	138
8.0-8.9	.	.	.	1	6	6	17	.	.	.	30
9.0-9.9	.	.	.	1	.	6	15	.	.	.	22
10.0+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	31	325	652	493	980	1241	744	49	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 10.2 MEAN TP(SEC)= 11.2 NO. OF CASES= 2655.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	17	71	229	154	111	37	.	.	.	.	619
2.0-2.9	22	66	374	612	978	612	59	8	.	.	[illegible]
3.0-3.9	.	133	107	222	1153	2145	610	29	.	.	[illegible]
4.0-4.9	.	35	94	37	455	1902	1423	78	.	.	[illegible]
5.0-5.9	.	1	51	29	88	489	1204	82	.	.	[illegible]
6.0-6.9	.	.	1	17	6	111	441	159	.	.	735
7.0-7.9	.	.	.	1	1	5	90	111	.	.	208
8.0-8.9	.	.	.	.	3	6	3	6	.	.	18
9.0-9.9	.	.	.	.	5	.	3	18	.	.	26
10.0+											0
TOTAL	39	306	856	1072	2800	5307	3833	491	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 9.8 MEAN TP(SEC)= 12.2 NO. OF CASES= 8609.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	1	6	49								56
1.0-1.9	71	282	1505	1110	472	102	13	8	.	.	[illegible]
2.0-2.9	85	432	1122	2693	4912	2700	311	27	15	.	[illegible]
3.0-3.9	.	415	136	462	2737	6244	2032	133	.	.	[illegible]
4.0-4.9	.	30	236	97	497	2987	2784	294	1	.	[illegible]
5.0-5.9	.	.	78	53	58	515	1613	494	1	.	[illegible]
6.0-6.9	.	.	.	13	11	44	268	345	.	.	[illegible]
7.0-7.9	.	.	.	.	1	.	77	124	.	.	[illegible]
8.0-8.9	.	.	.	.	.	.	3	13	.	.	16
9.0-9.9	.	.	.	.	.	.	.	15	.	.	15
10.0+								6			6
TOTAL	157	1165	3126	4428	8688	12592	7101	1459	17	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 10.2 MEAN TP(SEC)= 11.8 NO. OF CASES= 20653.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	17	15	11								43
1.0-1.9	653	1149	1327	443	183	29	.	10	.	.	[illegible]
2.0-2.9	1326	4373	1777	2245	1832	270	39	1	.	.	[illegible]
3.0-3.9	3	2503	381	366	1387	1401	248	18	3	.	[illegible]
4.0-4.9	.	231	436	15	59	593	314	20	.	.	[illegible]
5.0-5.9	.	1	116	10	8	34	138	15	.	.	[illegible]
6.0-6.9	.	.	17	20	.	1	18	22	.	.	78
7.0-7.9	.	.	.	3	.	.	.	.	.	.	3
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	2059	8272	4065	3102	3469	2328	757	86	3	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 8.8 NO. OF CASES= 14121.

STATION 5 38.63N 125.86W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

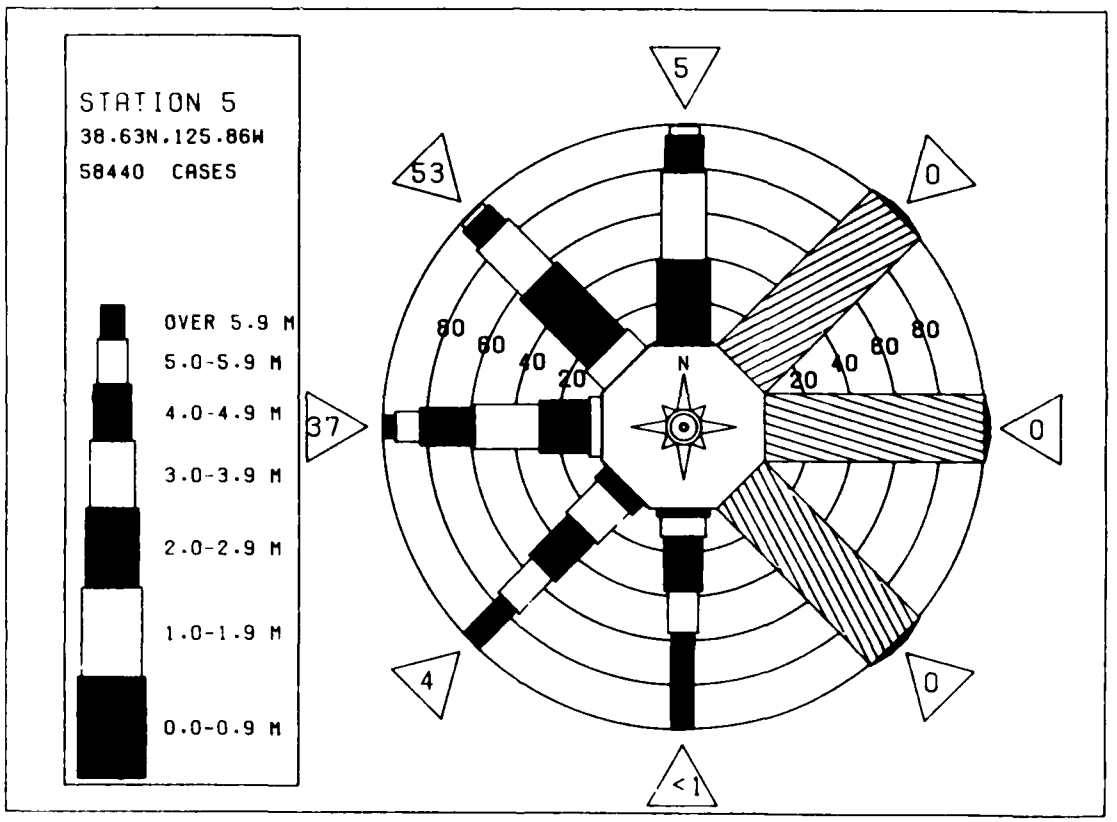
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9		13		.	.	.	.	.	.	.	13
1.0-1.9	171	280	58	.	6	.	.	.	.	.	[illegible]
2.0-2.9	556	4822	367	59	35	.	3	.	5	.	[illegible]
3.0-3.9	.	3911	658	39	61	37	8	1	1	.	[illegible]
4.0-4.9	.	309	1278	58	32	53	5	.	.	.	[illegible]
5.0-5.9	.	.	273	59	10	6	.	.	.	.	[illegible]
6.0-6.9	.	.	3	35	.	1	.	.	.	.	39
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	727	9335	2637	250	144	97	16	1	6	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 6.9 MEAN TP(SEC)= 7.3 NO. OF CASES= 7732.

STATION 5 38.63N 125.86W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1	3	6								10
1.0-1.9	92	180	317	170	78	16	1	1			855
2.0-2.9	213	1020	386	571	789	360	41	3	2		3385
3.0-3.9		780	156	131	576	1013	294	18			2968
4.0-4.9		84	288	30	147	612	470	39			1670
5.0-5.9		1	108	35	37	143	324	60			708
6.0-6.9			10	41	20	36	99	54			260
7.0-7.9				7	20	7	24	25			83
8.0-8.9					6	3	3	2			14
9.0-9.9					1	3	3	3			10
10.0+						2					2
TOTAL	306	2068	1271	985	1674	2195	1259	205	2	0	

MEAN HS(M)= 3.4 LARGEST HS(M)= 11.5 MEAN TP(SEC)= 10.4 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 5 (38.63N 125.86W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	4.4	4.0	3.4	2.8	3.0	3.0	2.5	2.6	2.0	2.7	2.8	3.2	3.0
1957	3.6	4.0	3.7	3.3	2.9	2.7	2.7	2.2	2.5	2.9	3.6	4.5	3.2
1958	5.2	5.2	3.8	4.0	2.6	2.4	2.6	2.4	2.3	2.6	3.8	4.1	3.4
1959	4.5	4.7	3.6	3.5	2.8	2.6	2.7	2.5	2.9	3.1	3.2	4.1	3.4
1960	4.7	4.9	2.9	3.2	2.8	2.8	2.7	2.6	2.1	2.9	4.3	4.2	3.3
1961	4.9	4.4	4.0	3.1	2.6	2.8	2.4	1.6	2.5	3.0	3.4	3.7	3.2
1962	3.3	4.1	3.7	2.9	2.5	2.4	2.8	2.3	2.5	3.3	4.4	4.3	3.2
1963	3.7	4.7	4.1	2.9	2.5	3.2	2.5	2.2	2.2	3.8	3.9	4.1	3.3
1964	5.3	3.5	4.0	3.9	2.8	2.6	3.0	2.7	2.7	2.7	3.9	5.0	3.5
1965	3.9	3.7	3.3	3.3	3.5	3.2	2.5	2.1	2.5	3.0	4.0	4.8	3.3
1966	4.8	4.1	3.9	3.3	3.2	2.5	2.6	2.7	2.4	2.7	3.3	4.4	3.3
1967	4.3	4.0	3.4	2.9	2.4	2.3	2.5	2.2	2.9	3.4	3.6	4.6	3.2
1968	4.1	4.2	4.1	3.4	2.4	2.4	2.8	2.1	2.0	3.0	4.1	4.5	3.3
1969	3.4	5.0	3.8	4.2	2.9	2.7	2.9	2.8	2.5	3.4	3.6	6.0	3.6
1970	5.2	5.0	4.6	3.9	2.8	2.6	2.7	2.5	2.4	3.0	3.9	4.8	3.6
1971	4.1	3.6	4.0	3.8	3.1	2.6	2.5	2.5	2.5	3.0	3.9	4.4	3.3
1972	4.6	4.2	3.7	3.8	3.1	3.2	2.9	2.5	2.3	2.6	4.8	4.5	3.5
1973	5.3	4.7	4.8	4.0	3.4	3.5	3.4	3.3	2.9	3.0	4.4	5.3	4.0
1974	4.6	4.3	4.5	4.0	3.8	3.4	2.9	2.8	2.3	3.3	3.9	4.6	3.7
1975	3.3	4.0	4.2	2.9	3.2	2.9	2.6	2.4	1.9	3.2	3.5	3.6	3.1
MEAN	4.4	4.3	3.9	3.5	2.9	2.8	2.7	2.5	2.4	3.0	3.8	4.4	

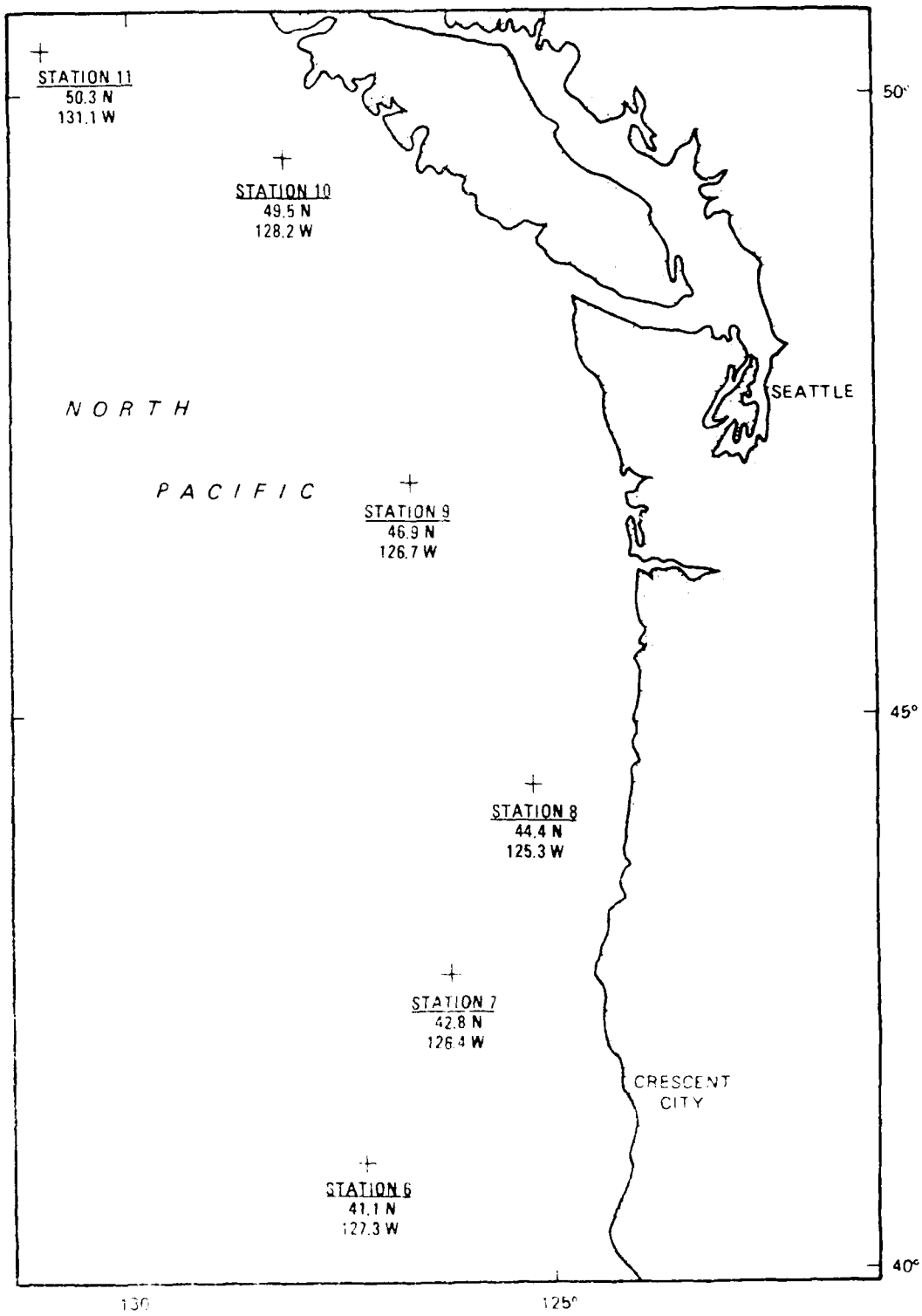
LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 5 (38.63N 125.86W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	6.3	8.0	5.8	4.7	5.2	4.6	4.0	3.6	3.5	4.7	4.4	4.2
1957	5.9	10.4	5.2	5.3	4.3	4.3	5.6	3.5	4.5	5.3	6.0	8.3
1958	7.4	9.3	7.5	8.0	3.9	4.6	3.5	3.3	4.2	5.2	7.1	5.9
1959	8.1	8.6	5.4	5.9	4.9	4.1	4.8	3.8	4.8	5.9	5.9	6.3
1960	10.5	10.2	4.9	5.1	4.1	4.6	3.7	3.7	4.1	5.9	6.9	6.0
1961	7.1	6.3	7.0	5.7	4.0	4.0	3.6	3.0	4.3	5.6	6.0	5.4
1962	5.1	7.2	6.0	4.2	4.0	3.8	4.8	4.1	4.0	5.9	6.7	8.7
1963	9.8	9.6	6.0	4.7	4.4	5.4	4.7	3.8	3.4	6.7	5.3	7.7
1964	10.2	4.7	5.4	6.3	6.4	4.1	4.1	4.3	4.7	5.1	5.8	9.0
1965	7.0	6.6	4.6	5.5	5.6	5.1	4.4	3.7	5.2	5.6	10.4	7.1
1966	7.6	7.3	6.3	4.9	5.3	3.9	3.8	4.0	3.9	4.2	5.7	5.9
1967	7.5	6.6	7.1	5.0	4.7	3.8	3.8	4.0	4.4	5.5	5.4	7.5
1968	8.4	6.4	5.3	5.5	4.0	3.9	3.8	3.0	4.3	4.3	6.3	7.8
1969	5.7	7.1	5.8	6.7	4.7	4.2	4.3	4.3	4.5	5.3	7.5	10.6
1970	7.7	7.5	7.0	6.2	4.1	4.4	4.1	3.7	4.0	5.4	5.6	7.7
1971	8.4	4.9	6.0	5.8	5.5	4.2	4.5	3.9	5.0	4.7	6.6	7.8
1972	7.4	5.6	5.7	7.6	5.0	4.8	4.8	4.4	3.9	3.9	6.9	8.5
1973	8.4	7.3	6.8	6.1	6.3	6.4	5.7	4.8	4.8	5.4	7.0	8.3
1974	11.5	7.3	8.1	6.0	6.7	6.5	7.1	4.4	4.3	7.0	7.0	7.0
1975	5.7	6.1	8.0	5.1	6.3	4.8	4.5	4.2	3.7	5.5	5.1	6.0

20 YR. STATISTICS FOR PACIFIC STATION 5 (38.63N 125.86W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.4
MEAN PEAK WAVE PERIOD (SECONDS)=	10.5
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.2
STANDARD DEVIATION OF TP(SECONDS)=	2.7
LARGEST HS(METRES)=	11.5
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	207.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	74011512


STATION 11
50.3 N
131.1 W
STATION 10
49.5 N
128.2 W
NORTH
PACIFIC
STATION 9
46.9 N
126.7 W
SEATTLE
STATION 8
44.4 N
125.3 W
STATION 7
42.8 N
126.4 W
CRESCENT
CITY
STATION 6
41.1 N
127.3 W
50°
45°
40°
130
125°

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	34	49	10	.	1	1	.	.	.	.	93
2.0-2.9	66	1322	5	.	.	.	.	.	.	.	1393
3.0-3.9	.	1177	154	.	5	.	8	.	.	.	1344
4.0-4.9	.	23	395	3	.	.	.	1	.	.	422
5.0-5.9	.	.	112	18	.	.	.	.	.	.	130
6.0-6.9	.	.	1	30	3	.	.	.	.	.	34
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	105	2571	677	51	9	1	8	1	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 7.3 NO. OF CASES= 2007.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	6	1	.	.	.	.	.	.	.	7
2.0-2.9	.	71	3	.	.	.	.	.	.	.	74
3.0-3.9	.	90	10	.	.	.	.	.	.	.	100
4.0-4.9	.	5	37	.	.	.	.	.	.	.	42
5.0-5.9	.	.	10	.	.	.	.	.	.	.	10
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	0	172	61	0	0	0	0	0	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 7.5 NO. OF CASES= 139.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	1	.	.	.	.	.	.	.	1
2.0-2.9	.	5	6	.	.	.	.	.	.	.	11
3.0-3.9	.	.	6	.	.	.	.	.	.	.	6
4.0-4.9	.	.	6	.	.	.	.	.	.	.	6
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	0	5	19	0	0	0	0	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 8.2 NO. OF CASES= 16.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	0	4	0	0	0	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.6 NO. OF CASES= 3.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	6	.	.	.	.	.	.	.	.	6
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6	0	0	0	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.6 NO. OF CASES= 4.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	1	0	0	0	0	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 7.9 NO. OF CASES= 2.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	1	0	0	0	0	0	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 8.2 NO. OF CASES= 1.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	6	.	.	.	.	.	.	.	.	6
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	10	.	.	.	.	.	.	.	10
5.0-5.9	.	.	3	.	.	.	.	.	.	.	3
6.0-6.9	.	.	1	6	3	.	.	.	.	.	10
7.0-7.9	.	.	.	1	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	3	.	.	.	.	3
10.0+	.	.	.	.	.	3	.	.	.	.	3
TOTAL	0	7	14	7	4	6	0	0	0	0	

MEAN HS(M) = 5.8 LARGEST HS(M)= 10.3 MEAN TP(SEC)= 9.3 NO. OF CASES= 26.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	17	5	.	.	.	.	.	.	.	23
3.0-3.9	.	11	17	1	3	.	.	.	.	.	32
4.0-4.9	.	10	30	6	25	.	3	.	.	.	74
5.0-5.9	.	.	59	39	3	.	5	.	.	.	106
6.0-6.9	.	.	5	56	18	1	.	.	.	.	80
7.0-7.9	.	.	.	8	42	6	.	.	.	.	56
8.0-8.9	.	.	.	.	16	15	.	.	.	.	33
9.0-9.9	.	.	.	.	5	17	.	.	.	.	22
10.0+						25	5				30
TOTAL	1	38	116	110	114	64	13	0	0	0	

MEAN HS(M) = 6.2 LARGEST HS(M)= 11.2 MEAN TP(SEC)= 10.1 NO. OF CASES= 275.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	18	23	3	1	.	.	.	.	.	51
3.0-3.9	.	63	30	18	3	.	.	.	.	.	114
4.0-4.9	.	30	152	11	35	18	1	.	.	.	247
5.0-5.9	.	.	154	90	42	22	8	.	.	.	316
6.0-6.9	.	.	29	126	92	17	3	.	.	.	267
7.0-7.9	.	.	1	39	138	11	10	.	.	.	199
8.0-8.9	.	.	.	.	56	61	.	.	.	.	117
9.0-9.9	.	.	.	.	1	41	.	.	.	.	42
10.0+						15	30				45
TOTAL	6	111	389	287	368	185	52	0	0	0	

MEAN HS(M) = 6.0 LARGEST HS(M)= 13.6 MEAN TP(SEC)= 10.1 NO. OF CASES= 809.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	2
2.0-2.9	23	75	42	6	13	8	.	.	.	.	167
3.0-3.9	.	193	107	107	54	107	5	.	.	.	573
4.0-4.9	.	94	287	78	142	121	30	.	.	.	752
5.0-5.9	.	3	237	203	80	128	37	.	.	.	688
6.0-6.9	.	.	54	242	219	94	66	1	.	.	676
7.0-7.9	.	.	1	65	229	106	53	5	.	.	459
8.0-8.9	.	.	.	5	78	85	30	5	.	.	203
9.0-9.9	.	.	.	.	5	46	10	.	.	.	61
10.0+						22	10				32
TOTAL	24	366	728	706	820	717	241	11	0	0	

MEAN HS(M) = 5.5 LARGEST HS(M)= 13.1 MEAN TP(SEC)= 10.4 NO. OF CASES= 2125.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	34	85	29	8	10	.	.	.	.	157
2.0-2.9	30	116	304	217	237	44	.	5	.	.	953
3.0-3.9	1	282	116	220	545	562	77	3	.	.	[illegible]
4.0-4.9	.	95	268	83	431	756	263	3	.	.	[illegible]
5.0-5.9	.	1	205	188	191	641	441	15	.	.	[illegible]
6.0-6.9	.	1	65	220	169	152	278	17	.	.	[illegible]
7.0-7.9	.	.	3	23	118	66	177	41	.	.	[illegible]
8.0-8.9	.	.	.	.	39	27	46	13	.	.	125
9.0-9.9	.	.	.	.	1	15	5	5	.	.	26
10.0+							10	6			16
TOTAL	32	529	1046	980	1739	2273	1297	108	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 12.0 MEAN TP(SEC)= 11.3 NO. OF CASES= 4694.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	3	5	.	.	.	.	.	.	.	8
1.0-1.9	71	207	622	296	59	34	.	.	.	.	1293
2.0-2.9	23	165	838	1533	1413	617	106	6	.	.	4701
3.0-3.9	.	171	169	497	1858	2464	634	51	.	.	5844
4.0-4.9	.	54	265	104	576	3105	1635	70	.	.	5809
5.0-5.9	.	.	85	71	183	850	1471	164	.	.	2824
6.0-6.9	.	.	11	58	82	133	595	246	.	.	1125
7.0-7.9	.	.	.	8	32	17	123	118	.	.	298
8.0-8.9	.	.	.	.	6	18	47	65	.	.	136
9.0-9.9	.	.	.	.	1	3	.	.	.	.	4
10.0+	.	.	.	.	.	.	1	1	.	.	2
TOTAL	94	600	1995	2567	4210	7241	4612	721	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 10.8 MEAN TP(SEC)= 11.8 NO. OF CASES= 12896.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	10	15	68	.	.	.	.	.	.	.	93
1.0-1.9	237	691	2464	970	434	34	17	1	.	.	4848
2.0-2.9	116	617	2150	3158	4467	2168	245	27	.	.	12948
3.0-3.9	.	261	260	554	2313	4671	1473	99	.	.	9631
4.0-4.9	.	25	224	128	533	2005	2414	220	10	.	5559
5.0-5.9	.	.	66	107	150	448	1059	299	.	.	2129
6.0-6.9	.	.	1	34	46	139	306	227	.	.	749
7.0-7.9	.	.	.	.	8	11	42	63	.	.	124
8.0-8.9	.	.	.	.	.	.	13	1	.	.	14
9.0-9.9	.	.	.	.	.	.	15	.	.	.	15
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	363	1609	5233	4951	7951	9472	5585	937	10	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 11.3 NO. OF CASES= 21118.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	39	13	10	.	.	.	.	.	.	.	62
1.0-1.9	826	959	1216	299	135	35	.	5	.	.	3475
2.0-2.9	1043	2337	1353	1853	1413	186	56	.	.	.	8241
3.0-3.9	1	913	215	207	942	763	200	3	3	.	3247
4.0-4.9	.	54	172	30	87	174	155	8	5	.	685
5.0-5.9	.	.	22	6	.	8	70	8	.	.	114
6.0-6.9	.	.	.	.	.	.	15	3	.	.	18
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1909	4276	2988	2395	2577	1166	496	27	8	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 8.8 NO. OF CASES= 9270.

STATION 6 41.08N 127.34W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

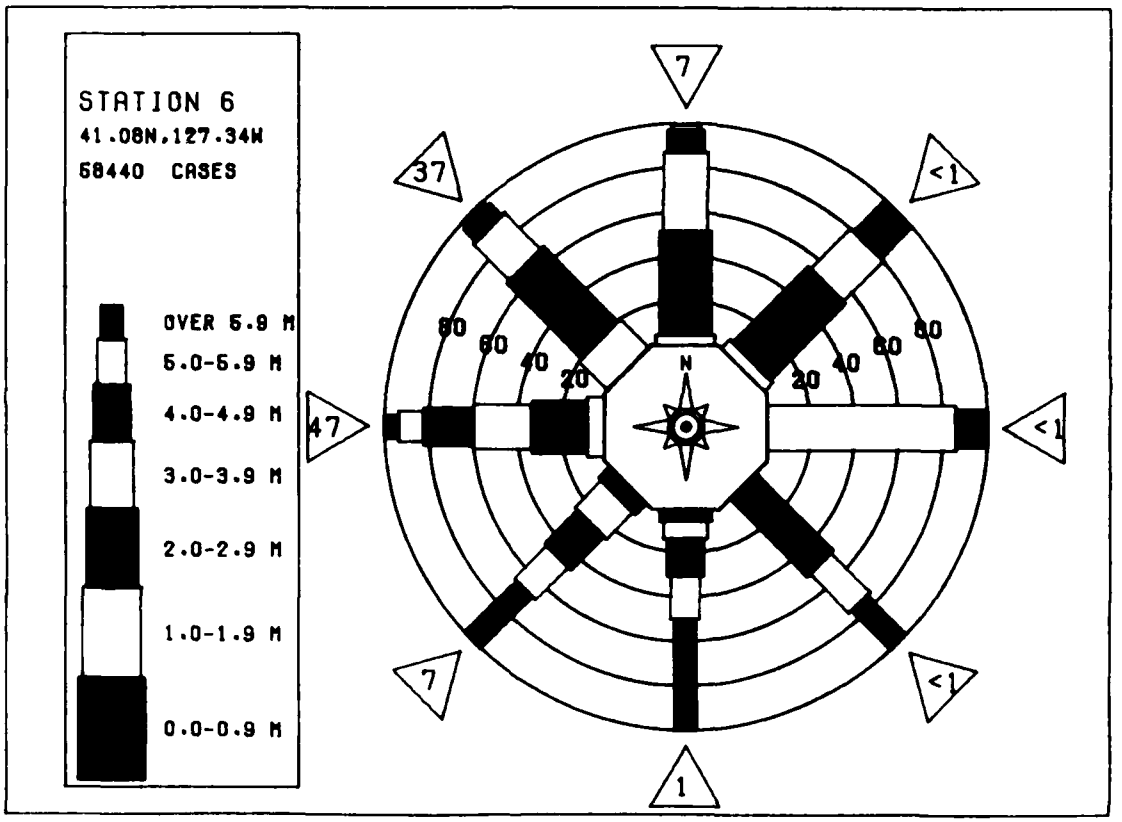
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	8	.	.	.	.	.	.	.	.	.	8
1.0-1.9	472	210	53	1	.	.	.	.	.	.	736
2.0-2.9	713	3995	152	71	66	8	5	.	.	.	5010
3.0-3.9	.	1925	112	27	63	66	15	.	.	.	2208
4.0-4.9	.	159	369	.	5	27	13	3	1	.	577
5.0-5.9	.	1	37	3	.	10	1	.	.	.	52
6.0-6.9	.	.	3	6	.	.	.	.	.	.	9
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1193	6290	726	108	134	111	34	3	1	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 7.0 NO. OF CASES= 5035.

STATION 6 41.08N 127.34W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	6	3	8	.	.	1	.	.	.	.	17
1.0-1.9	164	216	445	159	63	11	1	.	.	.	1059
2.0-2.9	202	875	488	664	761	303	41	3	.	.	3357
3.0-3.9	.	510	120	163	579	863	241	15	.	.	2491
4.0-4.9	.	55	222	44	183	620	451	30	1	.	1606
5.0-5.9	.	.	99	73	65	210	309	48	.	.	804
6.0-6.9	.	.	17	78	63	53	126	49	.	.	386
7.0-7.9	.	.	.	14	56	22	40	22	.	.	154
8.0-8.9	.	.	.	.	20	20	13	8	.	.	61
9.0-9.9	.	.	.	.	1	12	3	.	.	.	16
10.0+	.	.	.	.	.	6	5	.	.	.	11
TOTAL	372	1659	1399	1215	1791	2120	1230	175	1	0	

MEAN HS(M)= 3.5 LARGEST HS(M)= 13.6 MEAN TP(SEC)= 10.4 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 6 (41.08N 127.34W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	5.2	4.2	4.0	3.1	2.9	2.8	2.5	2.3	2.1	2.8	3.1	3.8	3.2
1957	3.6	4.0	4.0	3.3	2.9	2.2	2.3	2.0	2.6	3.2	3.9	5.2	3.3
1958	6.2	5.5	4.2	3.9	2.5	2.2	2.6	2.3	2.4	3.0	4.1	4.5	3.6
1959	4.7	4.8	3.6	3.6	2.6	2.2	2.7	2.3	2.8	3.3	3.8	4.5	3.4
1960	4.9	5.2	3.2	3.3	2.7	2.6	2.5	2.4	2.2	3.1	4.9	4.6	3.5
1961	5.4	4.9	4.3	3.4	2.8	2.7	2.2	1.8	2.5	3.2	3.9	4.1	3.4
1962	3.6	4.2	3.7	2.9	2.2	2.2	2.5	2.1	2.4	3.7	4.8	5.0	3.3
1963	3.6	5.1	4.0	3.0	2.5	2.7	2.2	1.7	2.4	4.3	4.3	4.8	3.4
1964	5.8	3.7	4.0	3.6	2.6	2.4	2.7	2.3	2.4	2.8	4.3	5.5	3.5
1965	4.3	3.3	3.2	3.3	2.9	3.0	2.4	1.9	2.5	3.3	4.7	5.2	3.3
1966	5.6	4.3	4.4	2.9	3.0	2.2	2.4	2.5	2.3	2.6	3.9	5.2	3.4
1967	4.6	3.8	3.7	3.2	2.2	2.2	2.1	1.9	2.7	3.6	4.2	5.0	3.3
1968	4.8	4.7	4.2	2.9	2.1	2.2	2.3	2.1	2.1	3.3	4.3	4.8	3.3
1969	3.7	5.5	4.1	4.0	2.9	2.4	2.5	2.2	2.5	3.4	4.1	6.5	3.7
1970	5.4	5.1	4.4	3.7	2.6	2.4	2.5	2.2	2.4	3.4	4.3	5.5	3.7
1971	4.3	3.9	4.4	3.8	2.8	2.5	2.1	2.3	2.7	2.9	4.4	4.5	3.4
1972	5.2	4.7	4.2	3.9	3.0	2.9	2.8	2.2	2.4	3.0	5.2	5.1	3.7
1973	5.6	4.8	4.8	3.8	3.2	3.1	2.9	2.7	2.9	3.0	4.7	5.9	4.0
1974	5.3	4.6	4.9	3.9	3.3	3.0	2.4	2.3	2.3	3.1	4.4	5.2	3.7
1975	4.0	4.1	4.1	2.7	2.7	2.3	2.0	2.0	1.8	3.3	4.0	4.0	3.1
MEAN	4.8	4.5	4.1	3.4	2.7	2.5	2.4	2.2	2.4	3.2	4.3	5.0	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 6 (41.08N 127.34W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	9.9	8.0	6.4	4.8	4.5	5.1	4.1	4.4	3.5	4.6	4.4	4.9
1957	6.5	9.4	5.8	4.6	4.1	3.5	5.4	3.7	5.3	5.4	6.1	8.2
1958	8.9	8.2	7.7	7.7	3.7	3.5	3.8	3.3	3.7	5.6	6.5	6.9
1959	8.9	9.8	5.6	6.0	4.6	3.2	4.4	3.4	4.2	5.4	6.5	7.4
1960	9.9	10.3	6.4	4.5	3.6	4.4	4.1	3.5	4.5	6.0	9.8	7.5
1961	8.4	7.0	6.8	6.8	3.5	3.8	3.8	3.3	4.9	6.1	6.8	7.4
1962	5.7	6.9	5.8	4.2	3.4	3.6	3.9	3.1	4.8	6.8	7.8	11.9
1963	8.5	8.7	7.4	4.5	5.0	4.5	3.8	3.2	3.2	8.6	6.1	9.7
1964	9.9	5.0	6.1	5.5	5.3	3.6	4.2	4.0	4.1	4.0	6.5	10.7
1965	6.6	5.5	5.1	4.9	4.2	4.4	3.5	3.6	4.8	5.6	10.8	9.6
1966	9.0	7.0	6.6	4.6	5.0	3.1	3.5	3.5	3.8	4.5	6.6	8.4
1967	7.4	5.3	7.1	5.0	3.3	3.6	3.3	2.9	4.5	6.7	6.2	8.6
1968	11.2	8.2	5.6	4.8	3.0	3.4	3.3	3.8	3.9	5.3	6.0	9.7
1969	6.0	8.1	6.5	6.3	4.9	3.7	4.4	3.5	3.5	5.1	9.0	13.1
1970	9.0	7.7	6.6	5.4	4.2	4.7	3.4	3.3	4.6	6.2	6.4	8.7
1971	10.7	6.1	8.3	5.3	4.4	3.3	3.5	3.9	5.9	4.9	7.8	7.4
1972	9.9	7.1	6.3	7.7	4.7	5.7	6.0	4.0	3.5	6.0	6.8	11.0
1973	9.0	8.1	6.7	5.3	6.4	5.4	5.6	4.9	4.4	4.2	7.5	10.9
1974	13.6	7.5	9.3	7.0	5.4	5.0	5.0	4.4	4.8	6.3	6.7	7.3
1975	6.5	7.7	8.1	3.6	4.3	5.3	2.8	3.5	3.8	6.7	7.0	8.5

20 YR. STATISTICS FOR PACIFIC STATION 6 (41.08N 127.34W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.5
MEAN PEAK WAVE PERIOD (SECONDS)=	10.5
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.4
STANDARD DEVIATION OF TP(SECONDS)=	2.6
LARGEST HS(METRES)=	13.6
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	204.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	74011512

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	6	.	.	.	.	.	.	.	.	.	6
1.0-1.9	77	22	1	.	.	.	.	.	.	.	100
2.0-2.9	133	580	6	10	1	1	.	.	.	.	731
3.0-3.9	.	326	35	.	3	.	3	.	.	.	367
4.0-4.9	.	29	88	.	.	.	.	1	.	.	118
5.0-5.9	.	.	17	3	.	.	6	.	.	.	26
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	216	957	147	13	4	1	9	1	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 6.9 NO. OF CASES= 794.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	10	.	.	.	.	.	.	.	.	11
2.0-2.9	6	99	3	.	1	1	.	.	.	.	110
3.0-3.9	.	95	6	.	.	.	5	.	.	.	106
4.0-4.9	.	8	11	.	.	.	1	.	.	.	20
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	212	21	0	1	1	6	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 7.2 NO. OF CASES= 150.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	1	.	.	.	.	.	.	.	1
2.0-2.9	.	27	1	.	5	.	.	.	.	.	33
3.0-3.9	.	15	.	.	.	.	5	.	.	.	20
4.0-4.9	.	8	.	.	.	.	1	.	.	.	9
5.0-5.9	.	.	3	.	.	.	.	.	.	.	3
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	50	5	0	5	0	6	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 8.1 NO. OF CASES= 41.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	1
2.0-2.9	.	6	.	.	3	.	.	.	.	.	9
3.0-3.9	.	11	.	.	.	.	5	.	.	.	16
4.0-4.9	.	10	6	.	.	.	.	.	.	.	16
5.0-5.9	.	.	3	.	.	.	.	.	.	.	3
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	28	9	0	3	0	5	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 8.6 NO. OF CASES= 29.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	10	1	.	.	.	.	.	.	.	11
3.0-3.9	.	1	6	.	.	.	.	.	.	.	7
4.0-4.9	.	.	3	.	.	.	.	.	.	.	3
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	11	11	0	0	0	0	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.3 NO. OF CASES= 15.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	3	.	.	.	1	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6	3	0	0	0	1	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 8.5 NO. OF CASES= 7.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	13	.	.	.	.	.	.	.	.	14
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	3	.	.	.	.	.	.	.	3
5.0-5.9	.	.	3	.	.	.	1	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	14	6	0	0	0	1	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 7.5 NO. OF CASES= 15.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	18	.	.	.	.	.	.	.	.	19
3.0-3.9	.	1	1	.	.	.	.	.	.	.	2
4.0-4.9	.	.	11	3	.	.	.	.	.	.	14
5.0-5.9	.	.	17	6	3	.	1	.	.	.	27
6.0-6.9	.	.	.	6	.	.	.	.	.	.	6
7.0-7.9	.	.	.	.	1	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	1	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	19	29	15	4	1	1	0	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 8.6 MEAN TP(SEC)= 8.6 NO. OF CASES= 46.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	11	1	.	.	.	.	.	.	.	13
3.0-3.9	.	39	6	.	.	.	.	.	.	.	45
4.0-4.9	.	17	25	1	.	.	.	.	.	.	43
5.0-5.9	.	1	46	15	13	1	1	.	.	.	77
6.0-6.9	.	.	20	49	8	.	.	.	.	.	77
7.0-7.9	.	.	1	22	10	5	1	.	.	.	39
8.0-8.9	.	.	.	.	8	3	1	.	.	.	12
9.0-9.9	.	.	.	.	6	6	5	.	.	.	17
10.0+	.	.	.	.	.	10	1	.	.	.	11
TOTAL	1	68	99	87	45	25	9	0	0	0	

MEAN HS(M) = 5.9 LARGEST HS(M)= 11.2 MEAN TP(SEC)= 9.5 NO. OF CASES= 205.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	8	8	8	1	3	3	.	.	.	.	31
3.0-3.9	.	59	27	15	18	6	1	.	.	.	126
4.0-4.9	.	37	174	27	15	10	1	.	.	.	264
5.0-5.9	.	6	109	94	56	8	3	.	.	.	276
6.0-6.9	.	.	39	126	121	35	6	.	.	.	327
7.0-7.9	.	.	3	47	107	49	11	.	.	.	217
8.0-8.9	.	.	.	1	46	70	3	.	.	.	120
9.0-9.9	.	.	.	1	6	34	5	.	.	.	46
10.0+	.	.	.	.	.	15	22	5	.	.	42
TOTAL	8	110	360	312	372	230	52	5	0	0	

MEAN HS(M) = 6.1 LARGEST HS(M)= 12.6 MEAN TP(SEC)= 10.2 NO. OF CASES= 861.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	23	59	83	10	25	20	.	.	.	.	220
3.0-3.9	.	164	83	75	107	88	6	.	.	.	523
4.0-4.9	.	87	287	65	162	145	47	.	.	.	793
5.0-5.9	.	5	229	193	114	164	77	.	.	.	782
6.0-6.9	.	.	47	219	174	145	73	.	.	.	658
7.0-7.9	.	.	6	53	210	133	107	3	.	.	512
8.0-8.9	.	.	.	3	78	85	34	8	.	.	209
9.0-9.9	.	.	.	.	6	55	13	.	.	.	77
10.0+	.	.	.	.	.	23	27	.	.	.	50
TOTAL	23	315	736	618	876	859	384	11	0	0	

MEAN HS(M) = 5.5 LARGEST HS(M)= 12.4 MEAN TP(SEC)= 10.7 NO. OF CASES= 2248.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	20	157	29	6	.	.	.	.	.	220
2.0-2.9	42	124	261	393	147	59	.	1	.	.	1027
3.0-3.9	.	224	154	331	739	528	49	1	.	.	[illegible]
4.0-4.9	.	82	364	114	574	959	236	.	.	.	[illegible]
5.0-5.9	.	3	229	149	215	761	653	13	.	.	[illegible]
6.0-6.9	.	1	49	212	135	282	383	20	.	.	[illegible]
7.0-7.9	.	.	1	41	154	87	258	54	.	.	[illegible]
8.0-8.9	.	.	.	1	42	73	70	49	.	.	[illegible]
9.0-9.9	.	.	.	.	1	30	5	8	.	.	44
10.0+	.	.	.	.	.	1	10	5	.	.	16
TOTAL	50	454	1215	1290	2013	2840	1664	151	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 11.5 MEAN TP(SEC)= 11.4 NO. OF CASES= 5672.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	18	5	5	1							29
1.0-1.9	92	431	1197	432	242	27					2421
2.0-2.9	34	168	1208	2142	1699	754	94	22			6121
3.0-3.9		220	220	574	2096	2907	947	51			7015
4.0-4.9		35	273	150	754	3401	1841	78			6532
5.0-5.9		5	154	100	114	1007	1745	193			3318
6.0-6.9			15	116	44	169	795	196			1335
7.0-7.9				18	25	18	118	87			266
8.0-8.9				1	1	6	41	20			69
9.0-9.9						8	10				18
10.0+						1	5				6
TOTAL	144	884	3072	3534	4975	8298	5596	647	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 10.3 MEAN TP(SEC)= 11.7 NO. OF CASES= 15384.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	60	54	83	1							218
1.0-1.9	448	1040	3475	1404	573	188	34				7162
2.0-2.9	208	694	2320	3786	4195	2207	275	15			13700
3.0-3.9		362	296	569	2209	4075	1399	85			6995
4.0-4.9		29	171	109	412	1841	1901	234			4697
5.0-5.9			97	78	87	369	785	302			1778
6.0-6.9				39	53	85	231	102			510
7.0-7.9				1	10	3	61	5			80
8.0-8.9					1	1	8				10
9.0-9.9											0
10.0+											0
TOTAL	736	2179	6442	5987	7540	8769	4694	743	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 10.9 NO. OF CASES= 21690.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	70	15	3								88
1.0-1.9	1271	1040	983	318	87	27					3726
2.0-2.9	1149	2393	966	1319	728	114	17				6693
3.0-3.9		699	124	155	559	443	83	8			2070
4.0-4.9		42	118	10	13	107	47	1			333
5.0-5.9			10	1			22				33
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2490	4186	2204	1803	1387	691	174	9	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 8.1 NO. OF CASES= 7575.

STATION 7 42.76N 126.36W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	17										17
1.0-1.9	506	186	22	3	1			5			723
2.0-2.9	716	2603	68	78	23	6					3514
3.0-3.9		603	35	13	47	11	3				712
4.0-4.9		49	111		3	6	11				180
5.0-5.9			20				3				23
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1239	3766	256	94	74	23	17	5	0	0	

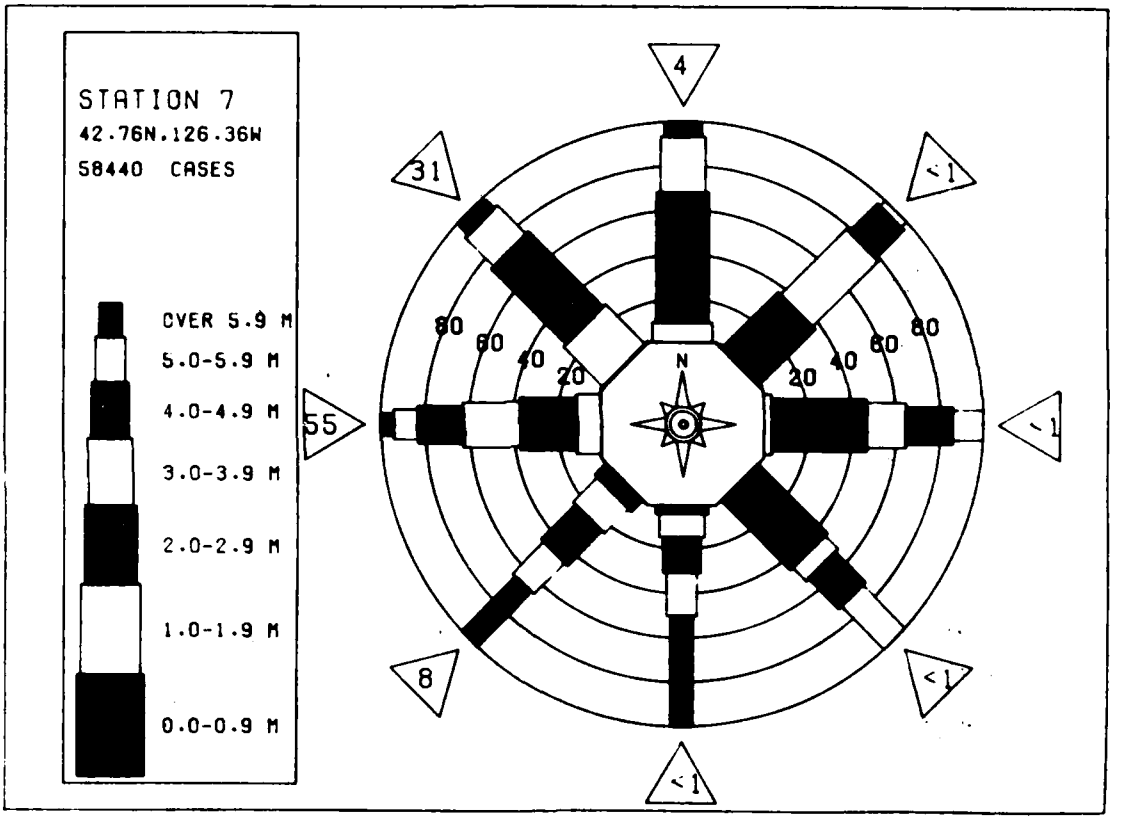
MEAN HS(M) = 2.6 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 6.7 NO. OF CASES= 3208.

STATION 7 42.76N 126.36W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	19	7	9	.	.	.	.	.	.	.	35
1.0-1.9	240	275	584	218	91	24	3	.	.	.	1
2.0-2.9	233	686	493	774	683	317	38	3	.	.	2
3.0-3.9	.	313	100	173	578	812	251	14	.	.	1
4.0-4.9	.	43	165	48	193	647	409	31	.	.	1
5.0-5.9	.	2	94	66	60	231	330	50	.	.	
6.0-6.9	.	.	17	77	53	71	149	31	.	.	
7.0-7.9	.	.	1	18	52	29	55	15	.	.	1
8.0-8.9	.	.	.	.	17	24	15	7	.	.	
9.0-9.9	.	.	.	.	2	13	3	.	.	.	
10.0+	.	.	.	.	.	5	6	1	.	.	
TOTAL	492	1326	1463	1374	1729	2173	1259	152	0	0	

MEAN HS(M)= 3.4 LARGEST HS(M)= 12.6 MEAN TP(SEC)= 10.5 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 7 (42.76N 126.36W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	5.2	4.1	4.3	3.2	2.8	2.6	2.2	2.1	1.9	2.9	3.3	4.2	3.2
1957	3.4	3.6	4.0	3.2	2.6	2.0	2.0	1.9	2.4	3.3	4.1	5.4	3.2
1958	6.4	5.4	4.0	3.9	2.5	1.9	2.4	2.2	2.3	3.2	4.5	4.9	3.6
1959	4.8	4.6	3.7	3.5	2.6	2.1	2.4	2.1	2.7	3.3	3.9	4.6	3.3
1960	4.7	5.1	3.2	3.4	2.6	2.5	2.2	2.2	2.0	3.4	3.9	4.7	3.4
1961	5.5	5.1	4.4	3.2	2.8	2.5	1.9	1.6	2.2	3.2	4.0	4.3	3.4
1962	3.7	4.0	3.5	3.1	2.1	2.1	2.2	2.0	2.3	3.8	4.9	5.2	3.2
1963	3.7	5.1	3.9	2.9	2.5	2.5	2.0	1.6	2.4	4.4	4.5	5.0	3.4
1964	6.1	3.8	3.8	3.6	2.4	2.3	2.5	2.1	2.3	2.9	4.4	5.6	3.5
1965	4.9	3.3	3.1	3.3	2.6	2.8	2.2	1.7	2.3	3.5	4.6	5.3	3.3
1966	5.7	4.1	4.3	2.7	2.9	2.0	2.2	2.2	2.2	2.8	3.7	5.4	3.4
1967	4.7	3.6	3.5	3.0	2.0	1.8	1.9	1.7	2.5	3.5	4.0	4.9	3.1
1968	4.8	4.7	4.1	2.8	2.0	2.0	2.0	2.0	2.0	3.4	4.2	5.0	3.2
1969	3.8	5.4	4.1	3.9	2.8	2.3	2.1	1.9	2.4	3.4	4.2	6.5	3.6
1970	5.4	5.0	4.2	3.4	2.5	2.2	2.2	2.1	2.2	3.3	4.4	5.9	3.5
1971	4.4	4.1	4.5	3.8	2.8	2.5	1.9	2.2	2.7	2.9	4.4	4.9	3.4
1972	5.3	4.6	4.5	4.0	2.7	2.7	2.6	2.1	2.2	2.7	5.2	5.1	3.6
1973	5.6	4.4	4.8	3.4	3.1	2.9	2.8	2.5	2.8	3.2	4.8	6.1	3.9
1974	5.3	4.7	4.8	3.9	3.3	2.8	2.2	2.2	2.1	2.9	4.5	5.4	3.7
1975	4.1	4.1	3.8	2.6	2.6	2.0	1.8	1.9	1.4	3.5	4.3	4.3	3.0
MEAN	4.9	4.4	4.0	3.3	2.6	2.3	2.2	2.0	2.3	3.3	4.3	5.1	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 7 (42.76N 126.36W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	10.1	7.0	7.2	5.1	4.2	4.4	3.8	3.8	2.9	4.8	4.5	6.3
1957	6.6	8.3	6.0	4.5	3.9	3.1	4.1	3.1	4.7	5.2	6.2	8.1
1958	9.2	7.6	7.1	7.2	4.0	2.9	3.6	3.4	3.9	5.3	6.4	8.0
1959	9.6	9.0	5.6	5.8	4.1	2.9	3.4	3.2	4.0	5.6	7.2	7.5
1960	8.9	9.3	6.2	4.7	3.8	4.0	3.5	3.5	3.3	6.2	9.1	8.1
1961	8.7	7.0	6.5	5.8	3.6	3.7	3.0	3.2	4.4	5.8	7.1	8.0
1962	9.5	6.7	6.0	5.3	5.0	3.4	3.2	3.0	5.5	7.4	7.6	12.1
1963	7.4	8.0	7.2	4.3	4.4	4.1	3.4	3.1	3.1	8.8	6.3	9.6
1964	10.3	5.6	6.4	5.9	5.3	3.4	4.3	3.2	3.6	4.3	6.8	10.2
1965	7.5	5.2	5.0	4.5	4.3	4.4	3.4	2.7	4.2	6.3	9.7	10.3
1966	9.8	6.5	6.4	4.9	3.9	2.9	3.1	3.4	3.5	4.8	6.6	9.6
1967	8.1	4.9	6.7	4.7	3.0	3.2	2.9	2.3	4.5	6.5	6.4	9.3
1968	10.9	8.5	5.5	4.2	2.9	2.8	2.8	3.4	3.7	5.2	6.4	10.1
1969	6.9	8.2	6.9	7.2	4.6	3.4	3.3	2.6	3.6	5.2	9.0	12.4
1970	9.1	7.6	6.4	5.3	3.8	3.7	3.0	2.9	4.4	6.4	6.5	9.0
1971	10.8	9.7	8.8	5.3	5.1	3.0	3.3	4.1	4.4	4.9	7.8	7.3
1972	11.3	7.7	6.5	6.9	3.7	4.0	4.8	3.6	3.5	5.1	6.8	11.2
1973	8.6	7.2	6.6	5.2	5.4	4.9	4.6	4.0	4.4	4.5	8.4	10.7
1974	12.6	7.5	9.1	6.4	4.6	4.9	4.1	3.3	3.6	5.6	6.9	7.6
1975	7.0	8.0	7.7	3.8	4.1	4.3	3.1	3.2	2.7	6.7	7.3	9.8

20 YR. STATISTICS FOR PACIFIC STATION 7 (42.76N 126.36W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.4
MEAN PEAK WAVE PERIOD (SECONDS)=	10.6
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.5
STANDARD DEVIATION OF TP(SECONDS)=	2.6
LARGEST HS(METRES)=	12.6
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	207.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	74011506

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	37	.	.	1	.	.	.	.	.	.	38
2.0-2.9	23	83	1	.	1	.	1	.	.	.	109
3.0-3.9	.	25	3	.	1	.	.	.	.	.	29
4.0-4.9	.	1	1	.	.	.	.	.	.	.	2
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	60	109	5	1	2	0	1	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 6.4 NO. OF CASES= 109.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	25	1	.	.	.	.	.	.	.	26
3.0-3.9	.	20	.	.	3	.	.	.	.	.	23
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	1	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	46	2	0	3	0	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 7.1 NO. OF CASES= 32.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	15	1	.	.	.	1	.	.	.	17
3.0-3.9	.	10	.	.	.	1	.	.	.	.	11
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	25	2	0	0	1	1	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 7.6 NO. OF CASES= 19.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	11	.	.	.	.	.	.	.	.	11
3.0-3.9	.	18	.	.	.	5	.	.	.	.	23
4.0-4.9	.	.	3	.	.	.	.	.	.	.	3
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	29	4	0	0	5	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.8 NO. OF CASES= 34.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) = 90.0
PERCENT OCCUPRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	15	.	.	.	.	1	.	.	.	16
3.0-3.9	.	15	3	.	.	3	1	.	.	.	22
4.0-4.9	.	1	17	.	.	1	.	.	.	.	19
5.0-5.9	.	.	6	.	.	.	.	.	.	.	6
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	31	26	0	0	4	2	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 8.2 NO. OF CASES= 40.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	27	.	.	1	.	.	.	.	.	29
3.0-3.9	.	5	1	.	.	.	.	.	.	.	6
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	1	.	.	.	1	.	.	.	2
6.0-6.9	.	.	6	.	.	.	.	.	.	.	6
7.0-7.9	.	.	.	6	.	.	.	.	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	32	8	6	1	0	1	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 7.7 NO. OF CASES= 32.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	22	.	1	3	.	.	.	.	.	31
3.0-3.9	.	10	.	.	.	.	.	.	.	.	10
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	10	.	.	.	.	.	.	.	10
6.0-6.9	.	.	1	5	.	.	.	.	.	.	6
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	32	12	6	3	0	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 7.6 NO. OF CASES= 36.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	8	.	.	5	.	.	.	.	.	16
3.0-3.9	.	6	.	.	.	.	.	.	.	.	6
4.0-4.9	.	6	6	.	.	.	.	.	.	.	12
5.0-5.9	.	.	32	3	1	.	.	.	.	.	36
6.0-6.9	.	.	.	10	1	.	.	.	.	.	11
7.0-7.9	.	.	.	1	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	20	38	14	7	0	0	0	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 8.6 NO. OF CASES= 52.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	15	5	1	1	.	.	.	.	.	27
3.0-3.9	.	47	5	.	1	3	.	.	.	.	56
4.0-4.9	.	20	27	3	3	.	1	.	.	.	54
5.0-5.9	.	1	46	15	3	.	.	.	.	.	65
6.0-6.9	.	.	1	39	11	15	.	.	.	.	66
7.0-7.9	.	.	.	10	15	1	.	.	.	.	26
8.0-8.9	.	.	.	.	10	.	.	.	.	.	10
9.0-9.9	.	.	.	.	1	8	.	.	.	.	9
10.0+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	5	83	84	68	45	28	1	0	0	0	

MEAN HS(M) = 5.3 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 9.2 NO. OF CASES= 192.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	5	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	5
2.0-2.9	5	11	3	1	8	.	.	.	.	.	28
3.0-3.9	.	87	34	20	41	6	3	.	.	.	191
4.0-4.9	.	42	143	39	23	10	6	.	.	.	263
5.0-5.9	.	3	69	78	80	13	3	.	.	.	246
6.0-6.9	.	.	37	83	70	32	13	.	.	.	235
7.0-7.9	.	.	3	29	71	39	10	.	.	.	152
8.0-8.9	.	.	.	1	23	53	.	.	.	.	77
9.0-9.9	.	.	.	.	1	29	1	.	.	.	31
10.0+	.	.	.	.	.	13	13	5	.	.	31
TOTAL	5	143	291	251	317	195	49	5	0	0	

MEAN HS(M) = 5.7 LARGEST HS(M)= 11.6 MEAN TP(SEC)= 10.1 NO. OF CASES= 747.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3	10	6	.	.	.	.	.	.	.	0
1.0-1.9	10	39	59	63	22	.	.	.	.	.	19
2.0-2.9	.	94	49	109	92	51	5	.	.	.	193
3.0-3.9	.	54	237	92	237	177	29	3	.	.	400
4.0-4.9	.	.	155	143	213	210	75	1	.	.	799
5.0-5.9	.	.	22	150	160	195	104	1	.	.	797
6.0-6.9	.	.	.	17	181	109	97	3	.	.	332
7.0-7.9	.	.	.	1	63	78	71	11	.	.	407
8.0-8.9	.	.	.	.	.	46	6	.	.	.	224
9.0-9.9	.	.	.	.	.	6	27	1	.	.	52
10.0+	.	.	.	.	.	.	.	.	.	.	34
TOTAL	13	197	528	575	968	872	414	20	0	0	

MEAN HS(M) = 5.5 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 11.0 NO. OF CASES= 2111.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	8	1	.	.	.	.	.	.	.	9
1.0-1.9	6	39	165	47	.	.	.	.	.	.	257
2.0-2.9	15	104	318	398	249	35	.	1	.	.	1118
3.0-3.9	.	186	159	287	889	595	49	6	.	.	2171
4.0-4.9	.	66	289	155	616	1169	424	13	.	.	2732
5.0-5.9	.	6	171	174	304	915	835	15	.	.	2420
6.0-6.9	.	.	18	163	147	357	651	30	.	.	1366
7.0-7.9	.	.	1	22	151	54	244	25	.	.	500
8.0-8.9	.	.	.	.	27	58	133	48	.	.	266
9.0-9.9	.	.	.	.	1	15	30	13	.	.	59
10.0+	.	.	.	.	.	.	2	.	.	.	6
TOTAL	21	409	1122	1214	2364	3228	2428	238	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 11.7 NO. OF CASES= 6461.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	20	22	8				.	.	.	.	50
1.0-1.9	97	622	1935	672	261	11	.	.	.	.	3598
2.0-2.9	32	176	1440	2643	2419	886	104	18	.	.	7718
3.0-3.9	.	155	183	701	2488	3191	1165	58	.	.	7941
4.0-4.9	.	22	207	189	1016	3836	2159	63	.	.	7492
5.0-5.9	.	.	75	68	181	1220	2169	107	.	.	3820
6.0-6.9	.	.	5	58	59	270	903	236	.	.	1531
7.0-7.9	.	.	.	13	18	8	164	97	.	.	300
8.0-8.9	.	.	.	1	3	1	49	34	.	.	88
9.0-9.9	.	.	.	.	.	.	10	10	.	.	20
10.0+	.	.	.	.	.	.	3	3	.	.	6
TOTAL	149	997	3853	4345	6445	9423	6726	626	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 11.6 NO. OF CASES= 19046.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	99	20	73	17				.	.	.	209
1.0-1.9	610	1235	4529	2280	775	215	77	.	.	.	9721
2.0-2.9	308	708	2553	4134	4558	2376	248	30	6	.	14921
3.0-3.9	.	234	210	564	2067	4098	1298	73	3	.	8547
4.0-4.9	.	35	99	68	412	1692	1952	253	3	.	4714
5.0-5.9	.	.	37	32	53	410	864	282	.	.	1678
6.0-6.9	.	.	.	13	30	39	227	123	.	.	432
7.0-7.9	.	.	.	.	3	10	65	18	.	.	96
8.0-8.9	.	.	.	.	.	.	17	.	.	.	17
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1017	2232	7501	7108	7898	9040	4748	779	12	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 10.8 NO. OF CASES= 23585.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	37		10				.	.	.	.	47
1.0-1.9	995	835	530	207	25	1	.	15	.	.	2608
2.0-2.9	934	1764	706	971	407	54	17	11	.	.	4854
3.0-3.9	.	458	65	54	227	135	5	1	.	.	945
4.0-4.9	.	20	37	6	1	22	3	.	.	.	89
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1966	3077	1348	1238	660	212	25	27	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.7 NO. OF CASES= 5007.

STATION 8 44.41N 125.29W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	17						.	.	.	.	17
1.0-1.9	232	75	8	1	.	1	.	.	.	.	317
2.0-2.9	270	716	10	6	11	1	.	1	.	.	1015
3.0-3.9	.	231	5	3	.	.	.	.	.	.	239
4.0-4.9	.	15	5	.	.	1	.	.	.	.	21
5.0-5.9	.	.	.	.	.	1	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	519	1037	28	10	11	4	0	1	0	0	

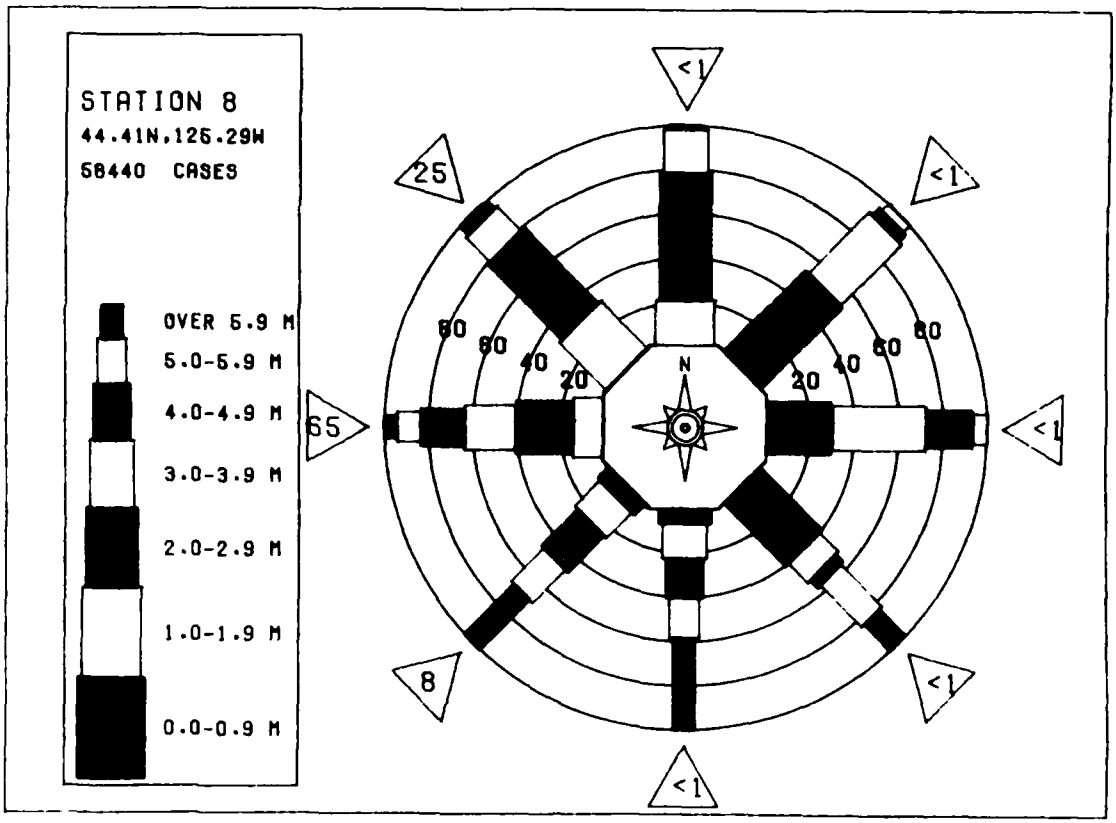
MEAN HS(M) = 2.4 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 6.3 NO. OF CASES= 947.

STATION 8 44.41N 125.29W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0. -0.9	17	5	9	1							32
1.0-1.9	198	281	718	321	106	23	7	1	.	.	1655
2.0-2.9	161	374	510	822	769	335	37	6	.	.	3014
3.0-3.9	.	160	72	174	581	809	252	14	.	.	2062
4.0-4.9	.	28	108	56	231	713	457	33	.	.	1626
5.0-5.9	.	1	60	51	83	277	395	40	.	.	907
6.0-6.9	.	.	9	48	48	92	190	39	.	.	426
7.0-7.9	.	.	.	10	42	22	63	21	.	.	158
8.0-8.9	.	.	.	.	12	19	27	11	.	.	69
9.0-9.9	.	.	.	.	.	9	4	2	.	.	15
10.0+	.	.	.	.	.	2	5	1	.	.	8
TOTAL	376	849	1486	1483	1872	2301	1437	168	0	0	

MEAN HS(M)= 3.4 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 10.8 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 8 (44.41N 125.29W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	5.1	4.0	4.3	3.4	2.9	2.4	2.0	1.9	1.9	3.2	3.5	4.4	3.3
1957	3.4	3.6	4.2	3.3	2.5	1.9	1.9	1.7	2.2	3.3	4.3	5.5	3.2
1958	6.4	5.3	3.8	4.2	2.6	1.8	2.2	2.1	2.3	3.2	4.5	5.2	3.6
1959	5.0	4.5	3.6	3.4	2.6	2.0	2.2	1.9	2.6	3.3	3.8	4.9	3.3
1960	4.7	5.2	3.3	3.5	2.6	2.1	2.0	2.1	2.0	3.6	4.9	4.8	3.4
1961	5.6	5.3	4.4	3.4	2.9	2.3	1.7	1.5	2.2	3.5	4.2	4.5	3.5
1962	3.9	3.8	3.5	3.1	2.1	2.1	1.9	2.2	2.1	3.9	5.1	5.3	3.2
1963	3.7	5.0	3.8	2.9	2.3	2.5	1.9	1.5	2.3	4.6	4.7	5.0	3.5
1964	6.2	3.8	3.9	3.4	2.4	2.2	2.3	2.2	2.2	3.1	4.4	5.6	3.5
1965	4.8	3.6	3.0	3.3	2.5	2.7	2.0	1.6	2.0	3.7	4.4	5.2	3.3
1966	5.7	4.2	4.1	3.6	2.8	2.0	2.0	2.0	2.3	3.1	3.7	5.4	3.3
1967	4.9	3.6	3.6	3.0	1.9	1.6	1.9	1.7	2.5	3.6	4.0	5.0	3.1
1968	4.7	4.7	3.9	2.8	2.0	1.9	1.9	1.8	1.9	3.4	4.4	5.1	3.2
1969	3.7	5.3	3.7	4.0	2.6	2.1	2.0	1.8	2.4	3.4	4.3	6.4	3.5
1970	5.5	4.8	4.1	3.3	2.4	2.0	2.1	2.1	2.2	3.3	4.6	5.4	3.5
1971	4.5	4.5	4.8	3.9	2.8	2.3	1.8	2.2	2.7	2.9	4.6	4.7	3.5
1972	5.3	4.6	4.6	4.1	2.7	2.7	2.5	2.0	2.4	2.6	5.1	5.2	3.7
1973	5.7	4.4	4.5	3.2	3.0	2.8	2.7	2.5	2.8	3.5	4.9	6.2	3.9
1974	5.2	4.8	4.7	4.0	3.3	2.7	2.0	2.0	2.1	3.0	4.8	5.4	3.7
1975	4.4	4.1	3.5	2.8	2.7	1.9	1.9	1.8	1.5	3.7	4.8	4.5	3.1
MEAN	4.9	4.5	4.0	3.4	2.6	2.2	2.0	1.9	2.2	3.4	4.5	5.2	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 8 (44.41N 125.29W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	9.7	6.4	7.4	6.1	4.2	3.5	3.6	2.8	2.8	5.1	4.6	8.1
1957	5.9	7.5	6.1	4.5	4.0	2.9	3.1	2.3	4.2	5.6	6.6	7.3
1958	9.0	7.7	6.3	6.9	4.2	2.5	3.7	3.1	4.1	5.2	6.7	8.9
1959	9.2	7.6	5.2	5.4	4.3	3.1	3.4	3.1	3.8	6.2	7.1	7.9
1960	9.1	8.9	5.9	4.9	3.5	3.2	3.0	3.4	2.8	7.3	8.5	7.9
1961	9.3	6.9	6.7	5.0	3.9	3.6	2.5	2.7	3.9	5.9	7.3	7.5
1962	6.4	5.9	5.6	4.2	3.1	3.7	2.9	3.4	5.6	7.8	8.1	11.2
1963	6.6	7.9	7.0	4.0	4.0	4.2	3.0	2.6	3.4	8.8	6.8	9.2
1964	10.1	6.1	6.9	5.2	5.2	3.2	3.3	2.8	3.5	4.6	6.8	8.4
1965	7.9	5.9	4.1	4.5	4.2	4.0	2.9	2.5	3.3	6.7	8.4	9.6
1966	9.4	6.4	5.5	4.2	3.6	3.0	2.8	2.7	3.6	4.9	6.1	9.2
1967	8.5	4.9	5.8	4.7	2.9	2.9	2.6	2.3	4.3	5.6	6.5	9.5
1968	10.0	7.7	5.0	3.8	3.0	2.8	2.7	2.6	3.8	5.2	6.5	9.4
1969	6.9	8.3	5.5	6.5	4.1	2.9	2.9	2.4	4.3	5.2	8.4	11.7
1970	8.7	6.6	6.4	5.2	3.2	3.2	2.9	3.3	3.2	6.5	6.9	9.2
1971	10.0	6.9	9.2	5.1	5.3	2.8	3.1	5.1	3.6	5.5	8.5	7.2
1972	10.9	7.5	5.8	6.7	3.5	3.9	4.1	3.2	4.2	4.2	6.5	11.0
1973	8.7	7.0	6.3	4.9	4.7	4.5	3.7	3.2	4.3	5.4	8.4	10.3
1974	11.5	7.2	8.4	6.2	4.5	4.5	3.6	3.0	3.5	5.1	8.0	7.6
1975	6.5	6.6	6.6	4.5	3.8	3.4	2.4	2.5	2.0	6.2	7.7	8.9

20 YR. STATISTICS FOR PACIFIC STATION 8 (44.41N 125.29W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.4
MEAN PEAK WAVE PERIOD (SECONDS)=	10.9
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.5
STANDARD DEVIATION OF TP(SECONDS)=	2.5
LARGEST HS(METRES)=	11.7
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	216.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	69121200

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	1	.	.	.	.	.	.	.	1
1.0-1.9	1	6	6	.	.	.	.	.	.	.	13
2.0-2.9	.	10	5	.	.	.	.	.	.	.	15
3.0-3.9	.	3	5	.	.	.	3	.	.	.	11
4.0-4.9	.	1	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	20	17	0	0	0	3	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 8.1 NO. OF CASES= 27.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	8	.	.	.	.	.	.	.	.	8
2.0-2.9	.	3	.	.	.	1	.	.	.	.	4
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	11	0	0	0	1	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 7.4 NO. OF CASES= 8.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	3	.	.	.	.	.	.	.	.	3
2.0-2.9	.	10	.	.	.	.	.	.	.	.	10
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	6	.	.	.	1	.	.	.	7
5.0-5.9	.	.	3	.	.	.	.	.	.	.	3
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	13	9	0	0	0	1	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.9 NO. OF CASES= 15.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	17	.	1	.	.	.	.	.	.	23
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	5	.	.	.	.	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	20	5	1	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 7.0 NO. OF CASES= 19.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	8	20	.	.	.	.	.	.	.	.	28
3.0-3.9	.	8	.	.	.	.	.	.	.	.	8
4.0-4.9	.	6	3	.	.	.	1	.	.	.	10
5.0-5.9	.	1	5	.	.	.	.	.	.	.	6
6.0-6.9	.	.	3	1	.	.	.	.	.	.	4
7.0-7.9	.	.	.	1	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	35	11	2	0	0	1	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 7.4 NO. OF CASES= 37.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	15	.	.	3	.	.	.	.	.	21
3.0-3.9	.	13	.	.	6	.	.	.	.	.	19
4.0-4.9	.	5	6	.	.	.	.	.	.	.	11
5.0-5.9	.	1	6	1	.	.	.	.	.	.	8
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	1	3	.	.	.	.	.	4
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	34	12	2	12	0	0	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 8.0 NO. OF CASES= 41.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	1	8	.	.	1	.	.	.	.	.	10
3.0-3.9	.	35	1	.	.	.	.	.	.	.	36
4.0-4.9	.	10	8	.	.	.	1	.	.	.	19
5.0-5.9	.	.	15	5	.	.	1	.	.	.	21
6.0-6.9	.	.	3	11	3	.	.	.	.	.	17
7.0-7.9	.	.	.	1	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	53	27	17	4	0	2	0	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 8.3 NO. OF CASES= 67.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	11	3	.	1	.	.	.	.	.	21
3.0-3.9	.	39	5	.	.	.	3	.	.	.	47
4.0-4.9	.	11	32	.	.	.	.	.	.	.	43
5.0-5.9	.	.	34	17	.	1	5	.	.	.	57
6.0-6.9	.	.	6	35	1	5	.	.	.	.	47
7.0-7.9	.	.	.	10	5	.	.	.	.	.	15
8.0-8.9	.	.	.	.	10	.	.	.	.	.	10
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	1	1	.	.	.	.	2
TOTAL	6	61	80	62	18	7	8	0	0	0	

MEAN HS(M) = 5.1 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 8.9 NO. OF CASES= 148.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	8	18	5	.	3	.	.	.	.	.	34
3.0-3.9	.	106	11	13	5	1	10	.	.	.	146
4.0-4.9	.	46	118	15	25	5	.	.	.	.	209
5.0-5.9	.	5	112	66	55	23	1	.	.	.	232
6.0-6.9	.	.	15	68	32	8	.	.	.	.	123
7.0-7.9	.	.	3	17	59	11	1	.	.	.	91
8.0-8.9	.	.	.	1	18	25	.	.	.	.	44
9.0-9.9	.	.	.	.	5	15	.	.	.	.	20
10.0+	.	.	.	.	.	20	6	1	.	.	27
TOTAL	8	175	264	180	172	108	18	1	0	0	

MEAN HS(M) = 5.5 LARGEST HS(M)= 12.3 MEAN TP(SEC)= 9.6 NO. OF CASES= 553.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	10	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	13
2.0-2.9	23	78	15	1	3	.	6	.	.	.	126
3.0-3.9	.	142	78	47	39	23	1	.	.	.	330
4.0-4.9	.	75	181	47	119	80	15	.	.	.	517
5.0-5.9	.	8	169	121	88	83	13	3	.	.	490
6.0-6.9	.	.	44	159	131	83	20	.	.	.	437
7.0-7.9	.	.	5	25	130	78	20	.	.	.	258
8.0-8.9	.	.	.	3	71	95	15	.	.	.	184
9.0-9.9	.	.	.	.	1	59	13	1	.	.	74
10.0+	.	.	.	.	.	22	27	11	.	.	60
TOTAL	26	303	502	403	582	528	130	15	0	0	

MEAN HS(M) = 5.7 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 10.3 NO. OF CASES= 1471.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	13	39	8	.	10	.	.	.	.	.	70
2.0-2.9	44	160	150	80	23	3	1	.	.	.	461
3.0-3.9	1	290	75	203	311	152	25	.	.	.	1057
4.0-4.9	.	112	280	97	364	337	37	.	.	.	1227
5.0-5.9	.	8	232	114	196	518	189	1	.	.	1258
6.0-6.9	.	.	42	124	116	330	258	5	.	.	875
7.0-7.9	.	.	3	25	123	150	165	10	.	.	476
8.0-8.9	.	.	.	5	58	85	97	29	.	.	274
9.0-9.9	.	.	.	.	10	42	42	3	.	.	97
10.0+	.	.	.	.	.	17	29	6	.	.	52
TOTAL	58	609	790	648	1211	1634	843	54	0	0	

MEAN HS(M) = 5.2 LARGEST HS(M)= 12.1 MEAN TP(SEC)= 11.0 NO. OF CASES= 3434.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	18	15	.	.	.	.	.	.	.	33
1.0-1.9	30	345	554	172	15	.	1	.	.	.	1117
2.0-2.9	65	241	641	766	460	77	13	.	.	.	2303
3.0-3.9	1	203	195	586	1363	910	123	11	.	.	3392
4.0-4.9	.	70	338	219	956	2057	559	10	.	.	4189
5.0-5.9	.	5	201	135	284	1611	1473	47	.	.	3756
6.0-6.9	.	1	29	87	189	439	1127	56	.	.	1928
7.0-7.9	.	.	.	25	95	97	429	126	.	.	772
8.0-8.9	.	.	.	1	20	47	90	70	.	.	228
9.0-9.9	.	.	.	1	3	23	29	27	.	.	83
10.0+	.	.	.	.	1	1	29	3	.	.	34
TOTAL	96	883	1973	1992	3386	5292	3873	350	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 11.1 MEAN TP(SEC)= 11.6 NO. OF CASES= 10448.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	121	94	88			13					316
1.0-1.9	297	1485	4279	1187	453	65	20		1		7837
2.0-2.9	174	424	2970	4134	3259	1396	177		3		12937
3.0-3.9		290	248	1024	3394	3045	1014	58			9073
4.0-4.9		23	169	143	1160	3509	1690	85			6779
5.0-5.9			111	112	196	1242	1597	193			3453
6.0-6.9			8	30	71	200	802	183			1294
7.0-7.9				8	41	11	147	97			304
8.0-8.9					3	8	17	10			38
9.0-9.9						1	8	11			20
10.0+											0
TOTAL	592	2316	7893	6638	8577	9490	5664	637	4	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 9.8 MEAN TP(SEC)= 10.9 NO. OF CASES= 24453.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	155	58	61	13							287
1.0-1.9	946	2015	3595	1216	408	106	58	22	5		8371
2.0-2.9	530	1832	2154	2725	2527	1184	181	58	10		11101
3.0-3.9		434	219	432	1351	1878	785	10			5108
4.0-4.9		53	162	56	340	866	626	44			2147
5.0-5.9			30	46	46	366	264	63			815
6.0-6.9			5	13	13	55	147	23			256
7.0-7.9					6	3	30	18			57
8.0-8.9							10	3			13
9.0-9.9							8				8
10.0+											0
TOTAL	1651	4392	6226	4501	4691	4481	2129	241	15	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 9.4 MEAN TP(SEC)= 9.9 NO. OF CASES= 16569.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	17										17
1.0-1.9	213	210	92	15	17	3					550
2.0-2.9	207	592	111	49	53	25					1077
3.0-3.9		126	15	15	34	13	10				213
4.0-4.9		5	3		1	3					12
5.0-5.9			1								1
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	437	933	222	79	105	44	10	0	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 7.2 NO. OF CASES= 1075.

STATION 9 46.94N 126.73W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

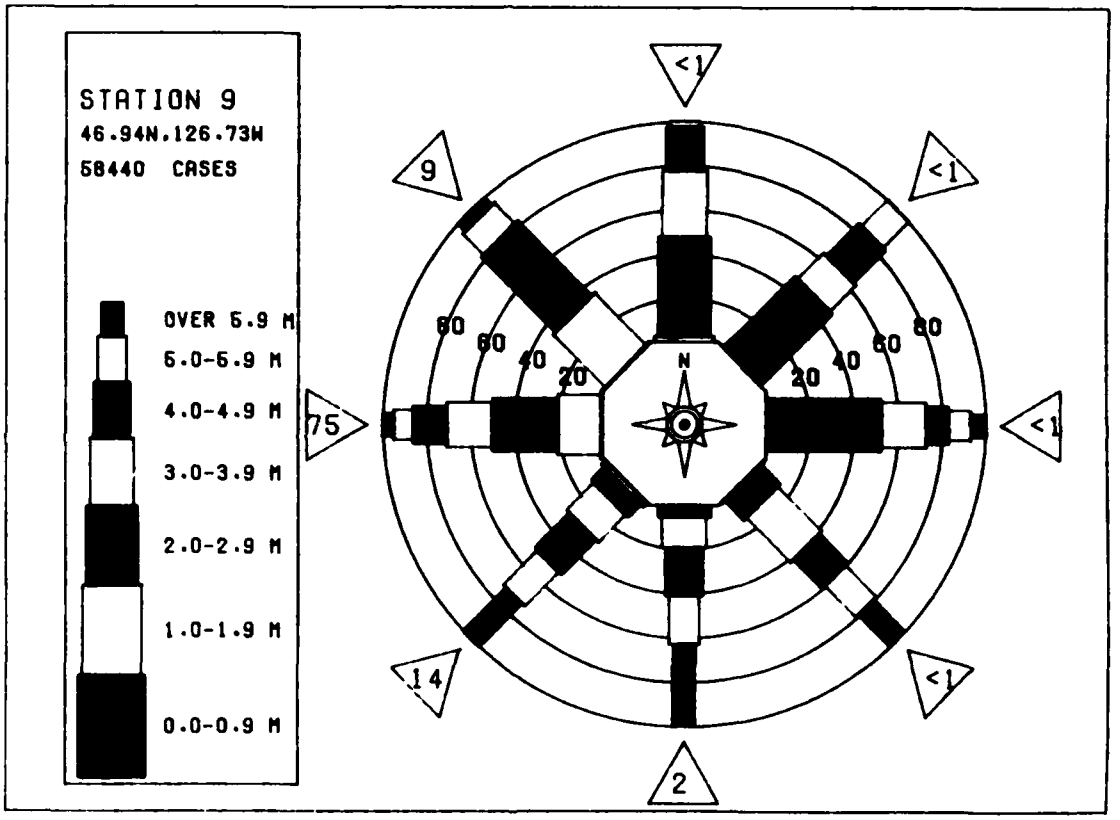
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	15	6	3								24
2.0-2.9	39	34			1	1					75
3.0-3.9		15	1		1	3	1				21
4.0-4.9						1					1
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	54	55	4	0	2	5	1	0	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 6.8 NO. OF CASES= 75.

STATION 9 46.94N 126.73W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	TOTAL
0. -0.9	29	17	16	1	.	1	.	.	.	.	64
1.0-1.9	154	410	854	259	90	17	8	2	.	.	1744
2.0-2.9	112	348	605	776	633	269	38	5	1	.	2789
3.0-3.9	.	172	85	232	650	603	197	8	.	.	1947
4.0-4.9	.	42	133	58	296	686	312	14	.	.	1541
5.0-5.9	.	3	93	62	83	355	359	30	.	.	1012
6.0-6.9	.	.	15	53	56	117	235	26	.	.	502
7.0-7.9	.	.	1	11	46	35	79	25	.	.	197
8.0-8.9	.	.	.	1	18	26	23	11	.	.	79
9.0-9.9	.	.	.	.	2	14	10	4	.	.	30
10.0+	.	.	.	.	.	6	9	2	.	.	17
TOTAL	295	992	1802	1453	1874	2158	1267	127	1	0	

MEAN HS(M)= 3.5 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 10.6 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 9 (46.94N 126.73W)

YEAR	MONTH JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	5.1	4.1	4.1	3.1	2.8	2.3	1.9	1.8	2.0	3.4	3.8	4.8	3.3
1957	3.4	3.6	4.1	3.2	2.4	2.0	1.6	1.5	2.3	3.3	4.3	5.6	3.1
1958	6.4	5.3	3.6	4.1	2.4	1.8	2.1	2.0	2.4	3.5	4.5	5.6	3.7
1959	5.3	4.4	4.9	3.3	2.7	1.9	2.1	1.7	2.5	3.5	3.8	5.4	3.4
1960	4.3	5.2	3.3	3.5	2.8	2.1	1.8	2.0	2.0	3.8	5.0	4.9	3.4
1961	5.8	5.4	4.6	3.3	2.8	2.1	1.6	1.6	2.2	3.8	4.4	4.7	3.5
1962	4.2	3.6	3.6	3.1	2.1	2.0	1.6	2.1	2.4	3.9	3.4	5.4	3.3
1963	3.9	5.4	3.9	2.8	2.4	2.4	1.7	1.2	2.4	4.9	5.1	5.4	3.5
1964	6.5	4.3	4.1	3.5	2.5	2.2	2.2	2.3	2.5	3.5	4.4	5.6	3.6
1965	4.9	3.9	3.2	3.3	2.6	2.6	1.9	1.6	2.1	4.1	4.3	5.1	3.3
1966	5.7	4.2	4.3	2.7	2.8	2.0	1.7	1.9	2.5	3.5	3.6	5.8	3.4
1967	5.2	4.5	3.7	5.0	1.9	1.6	1.7	1.6	2.6	3.9	4.1	5.1	3.2
1968	5.0	5.0	4.1	3.1	2.1	2.0	1.7	1.6	2.1	5.6	5.0	5.2	3.4
1969	5.7	5.1	3.6	4.4	2.6	2.5	2.0	1.8	2.8	5.7	4.7	6.7	3.6
1970	5.3	5.1	4.5	3.7	2.4	2.2	1.5	2.0	2.3	3.5	4.8	5.5	3.6
1971	4.7	4.7	5.1	3.9	2.6	2.3	1.5	1.5	2.7	3.2	5.0	4.8	3.9
1972	5.5	4.8	4.7	3.8	2.5	2.4	2.3	1.8	2.5	4.8	5.3	5.3	3.8
1973	6.1	4.6	4.5	3.1	2.9	2.7	2.5	2.2	2.7	3.8	4.9	6.4	3.9
1974	5.2	5.0	4.6	4.0	3.1	2.5	2.0	1.9	2.1	3.4	5.0	5.8	3.7
1975	4.6	4.2	3.6	2.7	2.3	1.6	1.5	1.6	1.4	3.7	5.3	4.8	3.1
MEAN	5.1	4.6	4.1	3.4	2.5	2.1	1.9	1.8	2.3	3.6	4.6	5.4	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 9 (46.94N 126.73W)

YEAR	MONTH JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	10.0	6.1	7.3	4.8	3.8	3.1	3.9	2.7	3.0	5.5	5.4	9.7
1957	5.3	7.0	6.3	5.0	4.0	3.4	2.8	2.3	4.4	6.3	6.5	8.0
1958	9.6	7.6	5.6	7.8	3.7	2.7	4.4	2.7	3.9	5.5	7.0	9.1
1959	8.5	7.1	5.6	5.7	5.0	3.1	3.0	2.8	4.3	6.2	7.5	10.6
1960	9.0	9.2	5.2	5.2	3.4	3.4	2.7	2.9	2.8	7.2	8.1	7.7
1961	10.4	7.1	6.9	5.2	3.5	3.1	2.4	3.2	4.2	6.5	6.9	7.4
1962	6.0	5.5	5.8	4.3	3.1	3.5	2.9	3.1	5.7	6.4	9.7	12.3
1963	6.9	8.7	6.5	4.0	3.9	3.9	3.8	2.3	4.3	11.1	7.3	13.0
1964	10.1	7.1	6.8	5.9	6.2	3.5	3.5	3.1	4.3	5.4	7.1	8.4
1965	8.5	6.1	4.5	4.9	4.8	4.6	3.1	2.6	3.7	8.6	8.5	8.1
1966	9.4	7.0	5.8	4.5	3.6	3.5	2.4	2.8	3.9	5.7	6.1	9.6
1967	9.6	6.4	7.0	5.2	3.0	2.4	2.2	2.2	4.1	6.0	7.1	9.1
1968	11.3	6.8	5.8	4.3	4.0	3.3	2.8	2.6	4.3	5.7	8.0	9.4
1969	6.4	8.9	5.8	7.0	4.4	3.4	3.3	2.4	3.9	6.1	9.7	12.4
1970	8.8	7.3	6.8	6.1	3.3	3.1	2.9	3.2	3.2	7.1	8.2	9.1
1971	9.0	7.6	10.4	5.5	4.9	3.2	2.9	4.3	3.4	6.0	8.6	7.8
1972	9.4	8.4	5.9	6.5	3.3	3.1	4.4	2.8	4.3	4.5	7.1	11.1
1973	11.1	7.4	6.4	5.1	4.8	4.7	3.4	3.0	3.6	5.9	8.5	10.4
1974	11.8	7.1	8.1	6.5	4.2	4.0	3.5	2.9	3.0	5.4	8.2	8.1
1975	6.8	6.6	6.4	5.1	3.9	2.5	2.3	2.6	2.0	7.2	9.4	10.4

20 YR. STATISTICS FOR PACIFIC STATION 9 (46.94N 126.73W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.5
MEAN PEAK WAVE PERIOD (SECONDS)=	10.7
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	270.0
STANDARD DEVIATION OF HS(METRES)=	1.7
STANDARD DEVIATION OF TP(SECONDS)=	2.4
LARGEST HS(METRES)=	13.0
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	200.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	63122218

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIPECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	5	.	.	.	.	.	.	.	.	13
2.0-2.9	17	10	5	5	.	.	.	.	.	.	37
3.0-3.9	.	15	3	.	1	1	.	.	.	.	20
4.0-4.9	.	1	3	.	.	.	.	.	.	.	4
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	25	31	11	5	1	1	0	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 7.0 NO. OF CASES= 46.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	3	5	1	.	.	.	.	.	.	.	9
3.0-3.9	.	6	3	.	.	.	1	.	.	.	10
4.0-4.9	.	13	6	.	1	.	3	.	.	.	23
5.0-5.9	.	.	.	.	3	.	.	.	.	.	3
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	24	10	0	4	0	4	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 8.4 NO. OF CASES= 31.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	5	.	.	.	1	.	.	.	.	9
2.0-2.9	.	13	.	.	.	1	.	.	.	.	14
3.0-3.9	.	6	13	.	1	.	.	.	.	.	20
4.0-4.9	.	.	8	3	.	.	.	.	.	.	11
5.0-5.9	.	.	.	1	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	24	21	4	1	2	0	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 8.1 NO. OF CASES= 36.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	23	1	.	.	.	.	.	.	.	29
3.0-3.9	.	27	6	.	.	.	.	.	.	.	33
4.0-4.9	.	3	27	.	.	.	.	.	.	.	30
5.0-5.9	.	.	6	.	.	.	.	.	.	.	6
6.0-6.9	.	.	1	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	53	41	0	0	0	0	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 7.5 NO. OF CASES= 61.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	1	1	.	.	.	.	.	.	.	2
2.0-2.9	3	25	3	.	.	1	.	.	.	.	32
3.0-3.9	.	42	8	.	.	.	.	.	.	.	50
4.0-4.9	.	10	30	.	.	.	.	.	.	.	40
5.0-5.9	.	.	25	3	.	.	.	.	.	.	28
6.0-6.9	.	.	3	3	.	.	.	.	.	.	6
7.0-7.9	.	.	.	1	3	.	.	.	.	.	4
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	78	70	7	4	1	0	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 8.0 NO. OF CASES= 101.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	1	.	.	.	.	1
2.0-2.9	3	29	1	1	.	.	.	.	.	.	34
3.0-3.9	.	35	5	.	.	.	.	.	.	.	40
4.0-4.9	.	23	41	3	1	.	.	.	.	.	68
5.0-5.9	.	.	47	6	.	.	.	.	.	.	53
6.0-6.9	.	.	3	5	5	.	.	.	.	.	13
7.0-7.9	.	.	.	1	1	.	.	.	.	.	2
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	87	97	16	7	1	0	0	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 7.3 MEAN TP(SEC)= 8.2 NO. OF CASES= 129.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	20	3	.	.	.	.	.	.	.	28
3.0-3.9	.	58	25	5	.	3	.	.	.	.	91
4.0-4.9	.	20	99	10	.	1	.	.	.	.	130
5.0-5.9	.	.	47	13	6	5	.	.	.	.	71
6.0-6.9	.	.	11	30	.	.	.	.	.	.	41
7.0-7.9	.	.	.	5	.	.	.	.	.	.	5
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	98	185	63	7	9	0	0	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 8.0 MEAN TP(SEC)= 8.5 NO. OF CASES= 220.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	.	.	.	.	.	.	.	.	.	11
2.0-2.9	6	46	18	.	.	1	.	.	.	.	71
3.0-3.9	.	123	46	10	.	11	1	.	.	.	191
4.0-4.9	.	65	128	5	8	6	1	.	.	.	213
5.0-5.9	.	1	107	46	10	8	.	.	.	.	172
6.0-6.9	.	.	15	54	11	.	.	.	.	.	80
7.0-7.9	.	.	.	13	42	1	.	.	.	.	56
8.0-8.9	.	.	.	1	17	1	.	.	.	.	19
9.0-9.9	.	.	.	.	5	1	.	.	.	.	6
10.0+	.	.	.	.	1	10	3	.	.	.	14
TOTAL	17	235	314	129	94	39	5	0	0	0	

MEAN HS(M) = 4.9 LARGEST HS(M)= 12.6 MEAN TP(SEC)= 8.9 NO. OF CASES= 498.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	22	11	1	.	.	.	.	.	.	.	34
2.0-2.9	30	82	53	6	1	1	.	.	.	.	173
3.0-3.9	1	239	131	54	46	15	15	.	.	.	501
4.0-4.9	.	97	266	51	54	32	5	.	.	.	506
5.0-5.9	.	3	203	123	41	17	.	.	.	.	387
6.0-6.9	.	.	25	165	77	10	1	.	.	.	278
7.0-7.9	.	.	1	34	124	29	1	.	.	.	189
8.0-8.9	.	.	.	3	58	55	8	.	.	.	125
9.0-9.9	.	.	.	1	6	51	1	.	.	.	59
10.0+	.	.	.	.	.	20	15	.	.	.	35
TOTAL	53	432	680	437	407	231	47	0	0	0	

MEAN HS(M) = 5.1 LARGEST HS(M)= 12.8 MEAN TP(SEC)= 9.4 NO. OF CASES= 1351.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	32	30	8	.	.	1	.	.	.	.	71
2.0-2.9	63	212	165	59	8	10	.	.	.	.	517
3.0-3.9	3	383	150	200	160	51	15	.	.	.	962
4.0-4.9	.	116	328	107	225	136	8	.	.	.	920
5.0-5.9	.	5	239	164	111	186	53	.	.	.	758
6.0-6.9	.	.	61	212	164	155	35	.	.	.	627
7.0-7.9	.	.	8	47	191	121	116	.	.	.	483
8.0-8.9	.	.	.	8	65	87	51	5	.	.	216
9.0-9.9	.	.	.	.	5	46	5	10	.	.	69
10.0+	.	.	.	.	.	25	29	3	.	.	57
TOTAL	98	746	959	797	929	818	312	18	0	0	

MEAN HS(M) = 5.1 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 10.1 NO. OF CASES= 2747.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	29	220	155	17	8	.	.	.	.	.	429
2.0-2.9	111	393	633	306	133	27	17	.	.	.	1630
3.0-3.9	5	470	290	434	593	256	17	3	.	.	2068
4.0-4.9	.	157	450	268	639	651	83	3	.	.	2161
5.0-5.9	.	29	290	263	231	881	422	3	.	.	2119
6.0-6.9	.	1	80	244	203	371	528	13	.	.	1440
7.0-7.9	.	.	8	66	176	116	266	54	.	.	686
8.0-8.9	.	.	1	11	53	104	100	30	.	.	299
9.0-9.9	.	.	.	.	5	46	53	11	.	.	115
10.0+	.	.	.	.	1	10	71	18	.	.	100
TOTAL	145	1270	1907	1549	2042	2462	1557	135	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 12.6 MEAN TP(SEC)= 10.8 NO. OF CASES= 6486.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	11	56	53	.	1	.	.	.	.	.	121
1.0-1.9	118	1464	1962	455	94	41	1	.	.	.	4135
2.0-2.9	135	463	2501	2248	1301	333	44	10	.	.	7135
3.0-3.9	1	347	556	1088	2545	1278	171	8	.	.	6014
4.0-4.9	.	87	313	265	1336	2021	725	18	.	.	5765
5.0-5.9	.	6	179	147	333	1735	1572	46	.	.	4118
6.0-6.9	.	.	22	63	148	521	1252	82	.	.	2113
7.0-7.9	.	.	.	10	37	90	480	155	.	.	774
8.0-8.9	.	.	.	1	5	34	87	58	.	.	183
9.0-9.9	.	.	.	.	1	5	30	37	.	.	73
10.0+	.	.	.	.	.	3	6	13	.	.	22
TOTAL	265	2423	5586	4313	5869	6673	4388	427	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 11.9 MEAN TP(SEC)= 10.9 NO. OF CASES= 17506.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	349	207	253	47	1	6					863
1.0-1.9	900	3660	5604	1558	537	118	10	18			12405
2.0-2.9	239	965	4033	3957	2691	1105	143	3			13136
3.0-3.9		349	480	982	2588	1967	597	18			6981
4.0-4.9		37	176	147	682	1774	1095	29			3140
5.0-5.9			34	77	126	773	672	82			1764
6.0-6.9			1	44	59	177	311	39			631
7.0-7.9					32	11	65	20			128
8.0-8.9					1		6	5			12
9.0-9.9						5	10	8			23
10.0+											0
TOTAL	1488	5218	10581	6812	6917	5936	2909	222	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 9.8 MEAN TP(SEC)= 9.9 NO. OF CASES= 23440.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	140	15	1	15	1						172
1.0-1.9	758	1485	896	78	66	3		6			3292
2.0-2.9	485	1261	872	456	212	87	6	13			3392
3.0-3.9		301	224	241	314	121	34				1235
4.0-4.9		15	112	44	138	148	13				470
5.0-5.9			20	30	34	145	22				251
6.0-6.9				6	1	18	41				66
7.0-7.9					8	1					9
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1383	3077	2125	870	774	523	116	19	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 7.6 MEAN TP(SEC)= 8.2 NO. OF CASES= 5207.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	6	1									7
1.0-1.9	138	83	44								265
2.0-2.9	70	244	47	20	13	1					395
3.0-3.9	1	102	15	6	8	1					133
4.0-4.9		3	3	1							7
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	215	433	109	27	21	2	0	0	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 6.8 NO. OF CASES= 479.

STATION 10 49.48N 128.23W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

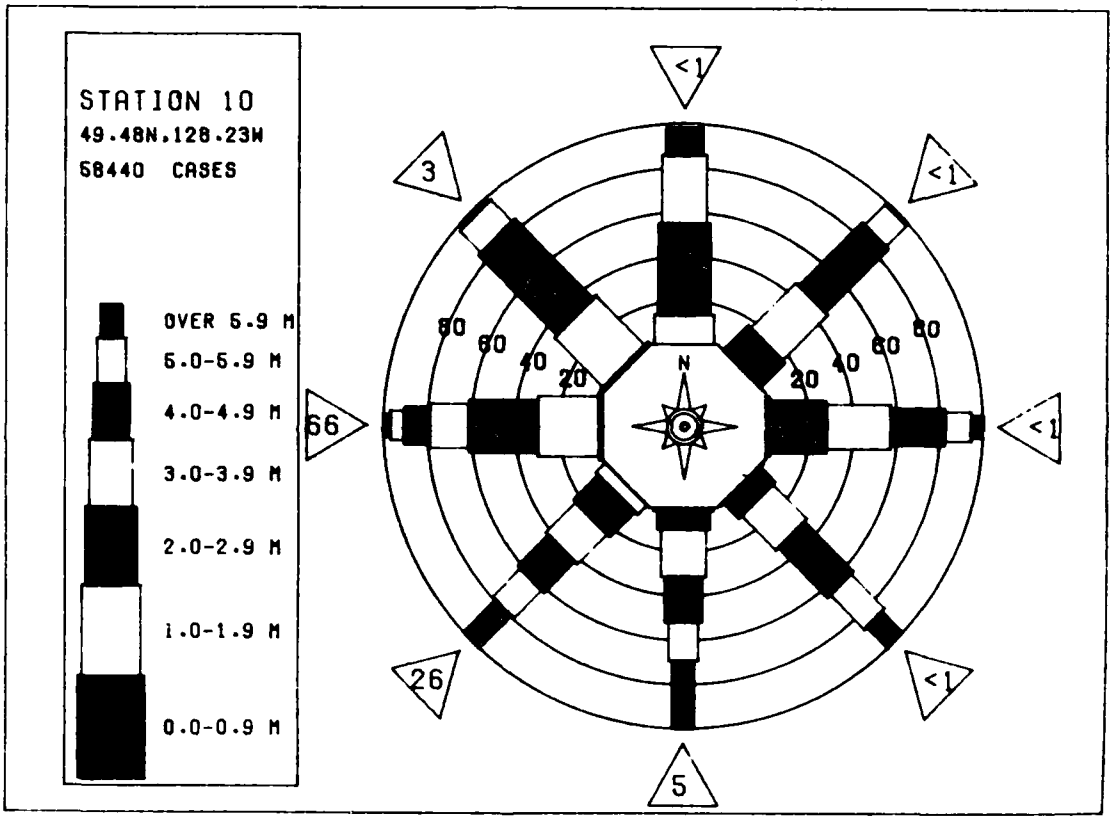
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	39	8									47
2.0-2.9	25	29	6	6		5					71
3.0-3.9		25	13			3					41
4.0-4.9		3	3			1	1				8
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	64	65	22	6	0	9	1	0	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.1 NO. OF CASES= 102.

STATION 10 49.48N 128.23W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0. -0.9	50	28	30	6							114
1.0-1.9	206	697	867	210	70	16	1	2	.	.	[illegible]
2.0-2.9	120	381	835	707	438	162	21	2	.	.	[illegible]
3.0-3.9	1	254	196	303	631	367	65	3	.	.	[illegible]
4.0-4.9	.	66	200	84	329	537	194	5	.	.	1415
5.0-5.9	.	4	121	87	89	375	274	13	.	.	[illegible]
6.0-6.9	.	.	22	85	67	125	217	13	.	.	529
7.0-7.9	.	.	1	18	61	37	93	23	.	.	233
8.0-8.9	.	.	.	2	20	28	25	9	.	.	84
9.0-9.9	.	.	.	.	2	15	10	6	.	.	33
10.0+						7	12	3			22
TOTAL	377	1430	2272	1502	1707	1669	932	79	0	0	

MEAN HS(M)= 3.4 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 10.1 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 10 (49.48N 128.23W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	5.2	4.0	4.0	2.8	2.4	2.4	1.8	1.8	1.9	3.5	4.4	5.2	3.3
1957	3.5	3.8	4.0	2.8	2.3	2.1	1.6	1.3	2.3	3.1	4.1	5.2	3.0
1958	6.3	4.9	3.2	3.7	2.2	2.0	2.0	1.9	2.4	3.6	4.6	5.5	3.5
1959	5.2	4.2	4.5	2.8	2.5	2.0	1.8	1.7	2.5	3.4	3.7	5.7	3.3
1960	4.8	5.3	3.4	3.4	2.4	2.1	1.6	1.8	2.0	3.6	4.9	4.7	3.3
1961	5.8	5.4	4.6	3.0	2.1	2.0	1.6	1.4	2.1	3.8	4.2	4.6	3.4
1962	4.3	3.5	3.0	3.0	2.0	1.7	1.4	2.0	2.2	3.6	5.6	5.4	3.2
1963	4.2	5.5	3.7	2.4	2.0	2.3	1.5	1.1	2.5	4.8	5.2	5.7	3.4
1964	6.5	4.7	4.1	3.4	2.3	2.2	2.0	2.1	2.5	3.5	4.1	5.6	3.6
1965	4.9	4.2	3.4	2.8	2.5	2.6	1.8	1.5	2.1	4.3	4.0	4.9	3.3
1966	5.7	4.1	4.3	2.8	2.7	2.1	1.6	1.8	2.8	3.5	3.5	5.7	3.4
1967	5.2	4.9	3.4	2.4	2.0	1.9	1.5	1.4	2.9	4.1	3.9	5.1	3.2
1968	4.9	4.9	4.3	3.3	1.9	2.1	1.7	1.7	2.2	3.7	5.5	4.9	3.4
1969	3.8	5.0	3.7	4.1	2.4	2.3	1.8	1.8	2.4	3.6	5.0	6.9	3.6
1970	5.0	5.4	4.7	3.9	2.5	2.1	2.1	1.7	2.4	3.5	4.4	5.1	3.6
1971	4.8	4.8	5.1	3.7	2.4	2.4	1.6	2.0	2.5	3.2	4.8	4.6	3.5
1972	5.7	4.8	4.5	3.5	2.3	2.2	2.2	1.7	2.3	3.0	5.4	5.2	3.6
1973	6.4	4.6	4.6	3.1	3.0	2.7	2.7	1.9	2.7	3.7	4.2	6.1	3.8
1974	5.3	4.9	4.5	3.8	3.0	2.5	1.9	1.8	2.0	4.0	4.6	6.2	3.7
1975	4.8	4.5	3.5	2.5	2.2	1.8	1.5	1.7	1.4	3.7	5.3	5.0	3.2
MEAN	5.1	4.7	4.0	3.2	2.4	2.2	1.8	1.7	2.3	3.7	4.6	5.4	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 10 (49.48N 128.23W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	10.4	6.6	7.4	4.6	3.4	3.4	3.1	2.9	3.6	5.7	6.4	8.0
1957	5.5	6.8	5.9	5.3	4.0	3.5	2.6	2.3	3.9	5.3	5.9	8.7
1958	9.9	8.1	5.4	6.5	3.9	2.9	3.2	2.7	3.6	7.2	6.9	9.3
1959	7.6	6.9	6.9	6.0	4.8	3.6	2.6	2.7	3.7	5.9	7.7	10.7
1960	8.9	9.4	6.0	5.1	3.2	3.7	2.5	2.7	3.6	7.3	9.5	7.6
1961	10.7	8.9	7.0	5.4	2.8	3.5	2.6	3.1	3.6	7.0	6.5	9.1
1962	8.4	5.3	5.5	4.3	3.5	2.6	2.4	3.1	5.6	6.1	10.4	12.8
1963	7.3	8.2	6.3	4.1	3.8	3.9	2.5	2.3	4.3	11.7	8.5	12.9
1964	10.7	7.4	6.5	5.8	4.5	3.5	3.3	3.4	4.6	5.3	7.9	9.7
1965	8.1	6.5	5.8	4.2	5.1	5.0	2.8	2.6	3.5	8.3	8.6	8.2
1966	9.9	8.4	7.1	4.8	4.0	3.7	2.7	2.6	5.7	6.0	5.6	8.7
1967	8.9	7.6	8.0	5.0	3.6	3.0	2.4	2.2	4.4	7.0	7.0	11.1
1968	11.4	6.8	6.2	5.2	4.4	3.7	2.6	2.8	4.3	6.3	9.1	9.2
1969	6.8	8.8	5.9	7.4	4.1	2.9	3.1	2.7	4.2	6.7	8.4	11.3
1970	8.7	7.8	7.4	6.7	4.5	3.3	3.0	2.6	3.6	6.7	9.2	9.5
1971	8.8	7.6	8.9	5.2	3.6	3.9	2.5	4.9	4.2	7.7	8.0	7.2
1972	9.8	8.4	6.4	5.5	3.8	3.3	4.6	3.1	4.2	5.6	9.3	12.6
1973	12.6	7.6	6.7	5.1	5.7	4.5	3.9	2.9	5.0	6.8	7.7	10.3
1974	10.0	7.3	8.3	6.5	4.5	4.0	3.3	2.9	3.1	6.1	6.2	9.5
1975	8.1	7.8	5.9	4.7	3.9	2.7	2.4	2.3	2.2	6.6	12.6	10.0

20 YR. STATISTICS FOR PACIFIC STATION 10 (49.48N 128.23W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.4
MEAN PEAK WAVE PERIOD (SECONDS)=	10.2
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	270.0
STANDARD DEVIATION OF HS(METRES)=	1.7
STANDARD DEVIATION OF TP(SECONDS)=	2.4
LARGEST HS(METRES)=	12.9
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	203.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	63122221

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	8	17	.	1	1	.	.	.	.	.	27
3.0-3.9	.	37	3	1	.	.	.	.	.	.	41
4.0-4.9	.	8	13	.	3	.	.	.	.	.	24
5.0-5.9	.	.	3	.	1	.	.	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	62	19	2	5	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 7.5 NO. OF CASES= 61.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	3	.	.	.	.	.	.	.	.	9
3.0-3.9	.	10	1	.	.	1	.	.	.	.	12
4.0-4.9	.	5	6	.	.	.	.	.	.	.	11
5.0-5.9	.	.	1	.	1	.	.	.	.	.	2
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	18	8	0	1	1	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 7.5 NO. OF CASES= 23.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	27	1	.	.	.	.	.	.	.	29
3.0-3.9	.	22	5	.	.	1	1	.	.	.	29
4.0-4.9	.	1	17	.	.	.	.	.	.	.	18
5.0-5.9	.	.	1	3	.	.	.	.	.	.	4
6.0-6.9	.	.	.	1	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	50	24	4	0	1	1	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 7.6 NO. OF CASES= 51.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	17	.	.	.	.	.	.	.	.	18
3.0-3.9	.	15	11	.	.	.	.	.	.	.	26
4.0-4.9	.	6	18	.	.	.	.	.	.	.	24
5.0-5.9	.	.	11	.	.	.	.	.	.	.	11
6.0-6.9	.	.	1	5	.	.	.	.	.	.	6
7.0-7.9	.	.	.	1	5	.	.	.	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	38	41	6	5	0	0	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 8.1 NO. OF CASES= 57.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	35	8	.	.	.	.	.	.	.	43
3.0-3.9	.	18	13	3	.	.	.	.	.	.	34
4.0-4.9	.	1	49	1	.	.	.	.	.	.	51
5.0-5.9	.	.	8	.	1	.	.	.	.	.	9
6.0-6.9	.	.	.	1	3	.	.	.	.	.	4
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	54	78	5	4	0	0	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 8.0 NO. OF CASES= 87.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	1	.	.	.	.	1
1.0-1.9	.	22	11	.	.	.	.	.	.	.	33
2.0-2.9	.	70	17	1	.	.	.	.	.	.	88
3.0-3.9	.	10	82	5	.	3	.	.	.	.	100
4.0-4.9	.	.	49	29	1	.	.	.	.	.	79
5.0-5.9	.	.	1	30	6	.	.	.	.	.	37
6.0-6.9	.	.	.	.	5	.	.	.	.	.	5
7.0-7.9	.	.	.	.	1	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	102	160	65	13	4	0	0	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 8.7 NO. OF CASES= 206.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	30	22	.	1	.	.	.	.	.	56
3.0-3.9	.	78	53	6	1	10	.	.	.	.	148
4.0-4.9	.	15	126	18	13	3	.	.	.	.	175
5.0-5.9	.	.	51	34	3	1	.	.	.	.	89
6.0-6.9	.	.	6	61	25	.	.	.	.	.	92
7.0-7.9	.	.	.	5	41	.	.	.	.	.	46
8.0-8.9	.	.	.	.	13	.	.	.	.	.	13
9.0-9.9	.	.	.	.	3	3	.	.	.	.	6
10.0+	.	.	.	.	.	3	.	.	.	.	3
TOTAL	3	123	258	124	100	20	0	0	0	0	

MEAN HS(M) = 4.8 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 9.1 NO. OF CASES= 375.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	1	.	.	.	1	.	.	.	.	13
2.0-2.9	20	83	32	.	3	.	.	.	.	.	138
3.0-3.9	.	123	44	17	17	20	5	.	.	.	226
4.0-4.9	.	22	160	39	30	17	3	.	.	.	271
5.0-5.9	.	.	106	75	25	13	.	.	.	.	219
6.0-6.9	.	.	15	118	47	10	1	.	.	.	191
7.0-7.9	.	.	.	10	75	6	.	.	.	.	91
8.0-8.9	.	.	.	.	20	23	.	.	.	.	43
9.0-9.9	.	.	.	.	3	34	5	.	.	.	42
10.0+	.	.	.	.	.	13	13	.	.	.	26
TOTAL	31	234	357	259	220	137	27	0	0	0	

MEAN HS(M) = 5.2 LARGEST HS(M)= 13.3 MEAN TP(SEC)= 9.5 NO. OF CASES= 750.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	17	27	8	.	.	.	.	.	.	.	52
2.0-2.9	39	147	97	29	5	.	.	.	.	.	317
3.0-3.9	.	229	88	100	70	18	20	.	.	.	525
4.0-4.9	.	73	309	54	114	68	10	.	.	.	628
5.0-5.9	.	5	176	193	71	70	.	.	.	.	515
6.0-6.9	.	.	37	160	119	41	16	.	.	.	373
7.0-7.9	.	.	3	34	203	49	13	.	.	.	302
8.0-8.9	.	.	.	8	70	83	6	.	.	.	167
9.0-9.9	.	.	.	.	8	111	1	.	.	.	120
10.0+	.	.	.	.	.	41	18	.	.	.	59
TOTAL	56	481	718	578	660	481	85	0	0	0	

MEAN HS(M) = 5.3 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 9.8 NO. OF CASES= 1799.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	41	53	17	.	.	.	.	.	.	.	111
2.0-2.9	61	251	277	92	18	1	3	.	.	.	703
3.0-3.9	.	402	270	248	270	42	27	.	.	.	1259
4.0-4.9	.	88	391	94	347	200	13	.	.	.	1133
5.0-5.9	.	5	326	265	171	285	58	1	.	.	1111
6.0-6.9	.	.	66	285	195	268	135	3	.	.	953
7.0-7.9	.	.	8	51	256	133	123	6	.	.	577
8.0-8.9	.	.	.	8	75	154	66	10	.	.	313
9.0-9.9	.	.	.	.	5	99	41	8	.	.	153
10.0+	.	.	.	.	.	29	49	10	.	.	88
TOTAL	102	799	1355	1043	1337	1211	516	38	0	0	

MEAN HS(M) = 5.1 LARGEST HS(M)= 13.2 MEAN TP(SEC)= 10.3 NO. OF CASES= 3754.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	13	.	.	.	.	.	.	.	.	13
1.0-1.9	70	326	434	59	22	3	.	.	.	.	914
2.0-2.9	140	564	1141	497	171	54	10	.	.	.	2577
3.0-3.9	.	549	508	580	848	239	25	3	.	.	2752
4.0-4.9	.	128	458	272	833	899	121	1	.	.	2635
5.0-5.9	.	8	395	302	361	1093	390	6	.	.	2555
6.0-6.9	.	.	54	263	309	557	763	8	.	.	1954
7.0-7.9	.	.	10	44	268	227	489	35	.	.	1046
8.0-8.9	.	.	.	5	68	142	167	54	.	.	436
9.0-9.9	.	.	.	.	5	58	59	34	.	.	156
10.0+	.	.	.	.	.	11	97	22	.	.	130
TOTAL	210	1588	3000	2022	2885	3210	2114	163	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 13.1 MEAN TP(SEC)= 10.7 NO. OF CASES= 6895.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	58	88	61	1	.	.	.	.	.	.	208
1.0-1.9	256	2072	2540	555	111	25	5	.	.	.	5567
2.0-2.9	100	650	3227	2847	1310	441	37	.	.	.	8611
3.0-3.9	.	441	646	1898	2529	1421	213	15	.	.	7163
4.0-4.9	.	68	417	948	1187	2482	761	17	.	.	5920
5.0-5.9	.	1	210	188	341	1756	1291	23	.	.	3833
6.0-6.9	.	.	15	119	167	540	1129	95	.	.	2065
7.0-7.9	.	.	.	5	80	138	453	92	.	.	768
8.0-8.9	.	.	.	1	11	37	135	53	.	.	237
9.0-9.9	.	.	.	.	1	1	54	17	.	.	73
10.0+	.	.	.	.	.	3	8	8	.	.	19
TOTAL	414	3320	7118	5263	5797	6847	4056	340	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 10.6 NO. OF CASES= 19335.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	301	148	196	66	3	11	.	.	.	.	725
1.0-1.9	924	3020	4460	1113	379	59	6	15	.	.	9976
2.0-2.9	285	1006	3268	3009	2065	802	90	15	.	.	10540
3.0-3.9	.	484	583	1019	1962	1368	462	8	.	.	5886
4.0-4.9	.	49	217	189	968	1202	662	29	.	.	3316
5.0-5.9	.	.	65	109	140	675	434	46	.	.	1469
6.0-6.9	.	.	1	54	80	167	237	35	.	.	574
7.0-7.9	.	.	.	1	71	30	97	25	.	.	224
8.0-8.9	.	.	.	.	.	.	5	5	.	.	10
9.0-9.9	.	.	.	.	.	.	10	3	.	.	13
10.0+							6	3			9
TOTAL	1510	4707	8790	5560	5668	4314	2009	184	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 9.8 NO. OF CASES= 19154.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	100	10	.	5	1	.	.	.	.	.	116
1.0-1.9	446	799	331	39	20	6	.	.	.	.	1641
2.0-2.9	369	1042	448	215	124	46	11	13	.	.	2268
3.0-3.9	.	333	201	167	183	90	35	.	.	.	1009
4.0-4.9	.	13	116	54	121	82	8	.	.	.	394
5.0-5.9	.	.	6	46	27	130	10	.	.	.	219
6.0-6.9	.	.	.	13	13	20	35	.	.	.	81
7.0-7.9	.	.	.	.	3	5	1	.	.	.	9
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	915	2197	1102	539	492	379	100	13	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 8.1 NO. OF CASES= 3366.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	6	.	.	.	.	.	.	.	.	.	6
1.0-1.9	167	54	17	.	5	.	.	.	.	.	243
2.0-2.9	41	133	27	11	15	3	.	.	.	.	230
3.0-3.9	.	71	10	11	13	6	.	.	.	.	111
4.0-4.9	.	8	10	20	.	.	.	.	.	.	38
5.0-5.9	.	.	.	3	.	.	.	.	.	.	3
6.0-6.9	.	.	.	1	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	214	266	64	46	33	9	0	0	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 7.1 NO. OF CASES= 376.

STATION 11 50.30N 131.07W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	18	5	.	.	.	.	.	.	.	.	23
2.0-2.9	8	27	29	1	1	1	.	.	.	.	67
3.0-3.9	.	25	6	.	1	3	1	.	.	.	36
4.0-4.9	.	3	11	.	1	.	3	.	.	.	18
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	26	60	47	1	3	4	4	0	0	0	

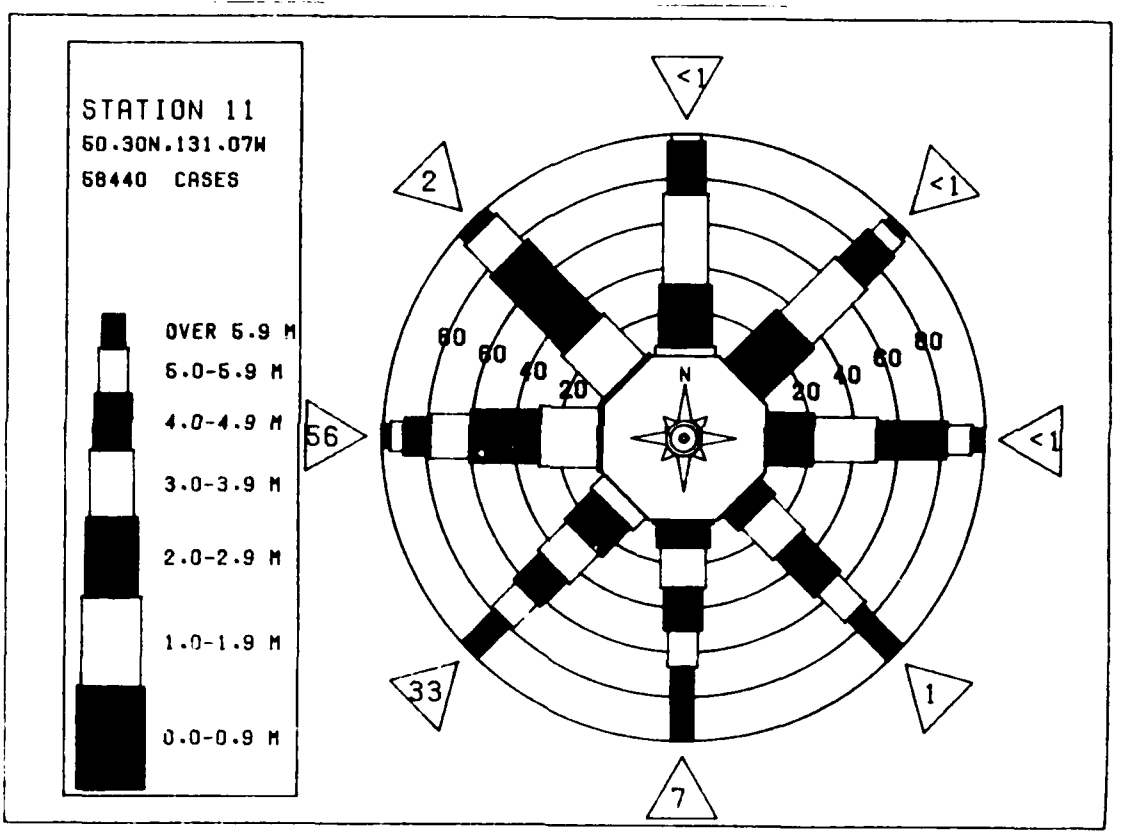
MEAN HS(M) = 2.8 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 7.7 NO. OF CASES= 91.

STATION 11 50.30N 131.07W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	46	26	25	7	.	1	.	.	.	.	105
1.0-1.9	195	636	781	176	53	9	1	1	.	.	1852
2.0-2.9	109	406	859	670	372	135	15	2	.	.	2568
3.0-3.9	.	291	246	345	589	322	79	2	.	.	1874
4.0-4.9	.	50	240	99	362	488	160	4	.	.	1403
5.0-5.9	.	2	141	125	119	402	215	7	.	.	1011
6.0-6.9	.	.	20	111	97	160	232	14	.	.	634
7.0-7.9	.	.	2	15	102	59	117	16	.	.	311
8.0-8.9	.	.	.	2	26	44	38	12	.	.	122
9.0-9.9	.	.	.	.	2	30	15	8	.	.	55
10.0+	.	.	.	.	.	10	19	4	.	.	33
TOTAL	350	1411	2314	1550	1722	1660	891	70	0	0	

MEAN HS(M)= 3.6 LARGEST HS(M)= 13.3 MEAN TP(SEC)= 10.1 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 11 (50.30N 131.07W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	5.4	4.2	4.1	2.9	2.5	2.5	1.8	1.9	2.0	3.7	4.7	5.6	3.4
1957	3.7	4.0	4.2	2.9	2.4	2.2	1.7	1.4	2.4	3.2	4.5	5.4	3.2
1958	6.7	5.0	3.3	3.8	2.4	2.0	2.0	2.1	2.5	3.8	4.8	5.8	3.7
1959	5.4	4.4	5.0	2.9	2.5	2.1	1.9	1.8	2.9	3.6	4.0	6.1	3.5
1960	5.1	5.4	3.6	3.5	2.6	2.1	1.7	1.9	2.1	3.9	5.1	5.1	3.5
1961	6.1	5.7	4.7	3.1	2.2	2.1	1.7	1.6	2.3	4.1	4.5	4.8	3.6
1962	4.6	3.7	3.2	3.2	2.1	1.8	1.4	2.1	2.4	3.8	5.9	5.8	3.3
1963	4.4	5.7	3.8	2.5	2.0	2.4	1.5	1.1	2.7	5.2	5.3	6.2	3.6
1964	6.7	5.0	4.2	3.5	2.3	2.4	2.0	2.2	2.6	3.7	4.3	5.7	3.7
1965	5.2	4.4	3.5	3.0	2.6	2.6	1.9	1.5	2.2	4.6	4.2	5.0	3.4
1966	5.8	4.3	4.6	3.0	2.8	2.2	1.7	2.0	3.1	3.8	3.8	5.8	3.6
1967	5.7	5.4	3.4	2.5	2.3	2.0	1.5	1.6	3.1	4.3	4.1	5.3	3.4
1968	4.9	5.2	4.6	3.3	1.9	2.2	1.8	1.8	2.3	4.0	5.9	5.1	3.6
1969	3.8	5.0	3.9	4.3	2.4	2.4	1.8	2.0	2.5	3.8	5.4	7.4	3.7
1970	5.2	5.7	4.9	4.0	2.6	2.1	2.1	1.8	2.5	3.7	4.6	5.3	3.7
1971	5.0	5.0	5.2	3.9	2.5	2.5	1.2	2.1	2.7	3.4	5.0	4.8	3.6
1972	6.1	5.1	4.7	3.7	2.5	2.3	2.2	1.7	2.5	3.3	5.7	5.3	3.8
1973	6.5	4.9	4.8	3.4	3.2	2.8	2.9	1.9	2.8	4.0	4.3	6.3	4.0
1974	5.4	5.2	4.5	4.0	3.3	2.6	1.9	1.8	2.2	4.5	4.9	6.7	3.9
1975	5.2	4.7	3.6	2.7	2.3	1.8	1.6	1.8	1.4	3.9	5.3	5.2	3.3
MEAN	5.3	4.9	4.2	3.3	2.5	2.3	1.8	1.8	2.5	3.9	4.8	5.6	

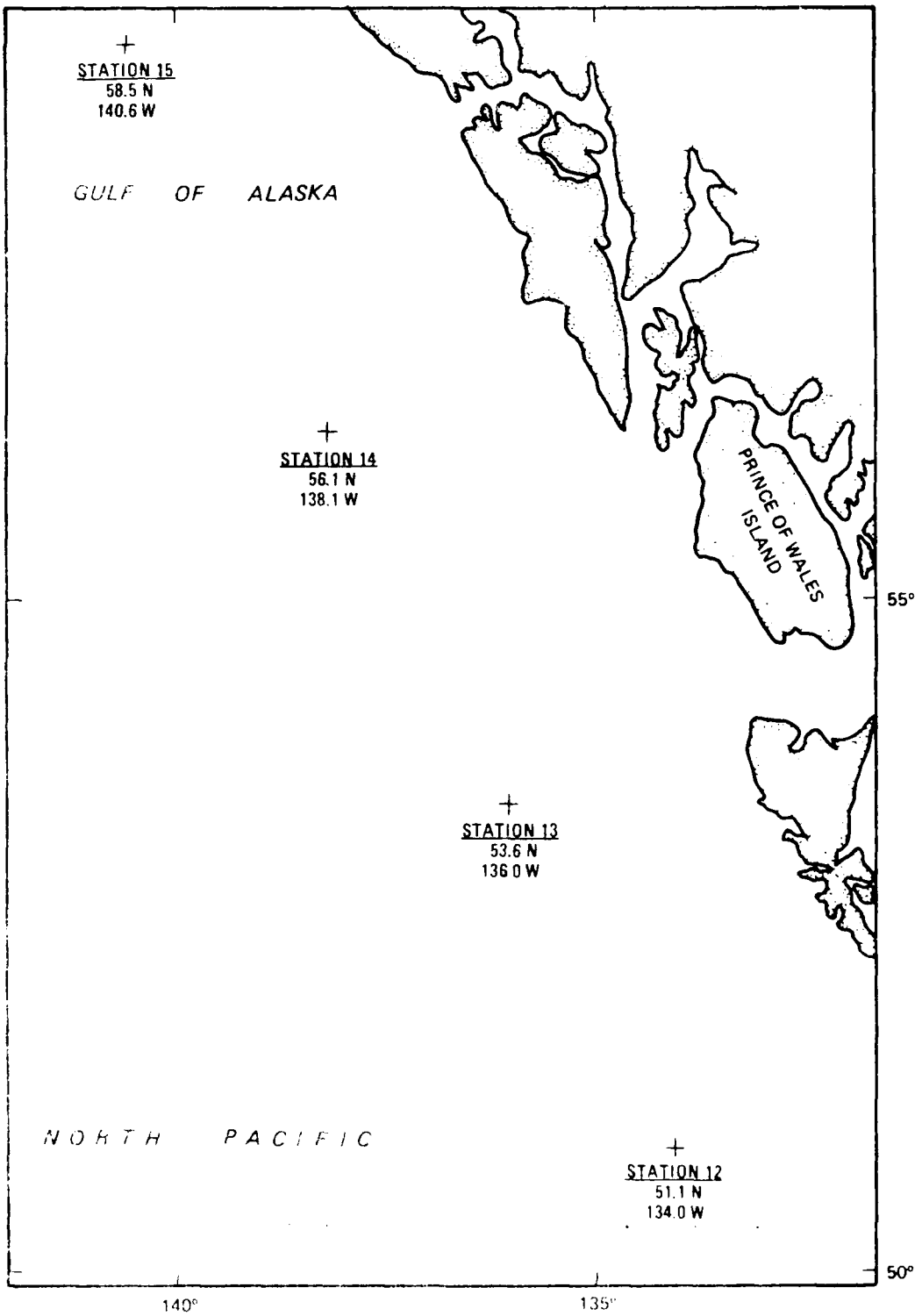
LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 11 (50.30N 131.07W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	9.6	6.6	6.7	4.6	3.6	3.5	3.5	3.1	4.0	6.3	7.2	8.8
1957	5.7	7.4	5.6	5.5	4.3	3.6	2.5	2.6	4.3	5.0	6.2	8.8
1958	11.0	9.2	6.0	6.5	5.0	2.6	3.1	3.0	3.8	7.2	8.3	9.6
1959	7.7	8.0	8.0	6.8	4.5	4.2	2.5	2.9	3.7	6.6	7.9	10.0
1960	9.5	9.6	6.6	5.5	3.4	4.0	3.1	3.1	3.9	8.4	10.8	8.4
1961	11.2	9.8	7.5	6.1	5.8	3.8	2.9	3.1	3.7	6.7	6.9	9.8
1962	8.7	5.1	5.3	5.0	3.5	2.7	2.0	3.4	5.7	7.3	11.2	13.3
1963	7.4	9.6	6.5	4.2	4.0	4.3	2.6	2.6	4.3	12.1	8.4	13.2
1964	10.8	8.3	6.6	6.2	3.8	4.1	3.9	3.6	4.6	8.1	7.6	10.4
1965	9.7	6.8	6.5	4.4	5.4	4.0	3.0	2.5	3.6	8.0	9.7	7.8
1966	9.7	9.3	8.1	5.2	4.5	4.0	2.9	2.9	7.5	7.1	6.0	8.6
1967	10.1	8.6	7.8	5.3	4.2	3.6	2.2	2.6	4.5	7.4	7.7	13.0
1968	9.8	7.6	7.0	4.8	4.2	4.4	2.7	3.0	4.4	6.7	9.4	10.3
1969	7.0	7.9	6.1	7.9	4.1	3.2	3.5	2.9	4.5	6.9	8.1	11.2
1970	9.2	8.4	8.2	6.9	4.3	3.3	3.3	2.7	3.7	9.2	9.9	11.7
1971	9.4	7.5	6.3	5.9	3.5	4.2	2.0	3.1	4.9	7.3	7.5	7.9
1972	10.7	9.2	7.5	5.9	4.3	3.5	4.7	2.9	4.4	6.8	10.7	11.2
1973	13.2	9.2	7.1	6.2	8.1	4.9	4.1	3.3	5.4	8.0	8.8	10.6
1974	10.1	8.4	7.8	6.6	5.0	4.5	3.2	3.1	3.9	6.6	6.9	12.7
1975	8.0	9.5	6.5	5.1	4.2	2.9	3.0	2.7	2.4	6.6	11.6	9.7

20 YR. STATISTICS FOR PACIFIC STATION 11 (50.30N 131.07W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.6
MEAN PEAK WAVE PERIOD (SECONDS)=	10.2
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	247.5
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	2.4
LARGEST HS(METRES)=	13.3
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	154.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	62121503


STATION 15
58.5 N
140.6 W
GULF OF ALASKA
STATION 14
56.1 N
138.1 W
PRINCE OF WALES ISLAND
55°
STATION 13
53.6 N
136.0 W
NORTH PACIFIC
STATION 12
51.1 N
134.0 W
50°
140°
135°

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	18	35	.	.	.	.	.	.	.	.	53
3.0-3.9	.	42	15	.	1	.	.	.	.	.	58
4.0-4.9	.	6	34	.	.	.	.	.	.	.	40
5.0-5.9	.	1	15	.	.	.	.	.	.	.	16
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	19	84	64	0	1	0	0	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 7.3 NO. OF CASES= 102.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	.	.	.	.	.	.	.	.	.	11
2.0-2.9	1	32	.	.	.	.	.	.	.	.	33
3.0-3.9	.	18	6	.	.	.	.	.	.	.	24
4.0-4.9	.	11	34	.	.	.	.	.	.	.	45
5.0-5.9	.	.	3	1	.	.	.	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12	61	43	1	0	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 7.2 NO. OF CASES= 72.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	29	.	1	.	.	.	.	.	.	31
3.0-3.9	.	41	3	.	.	1	.	.	.	.	45
4.0-4.9	.	1	20	.	.	.	.	.	.	.	21
5.0-5.9	.	.	23	3	.	.	.	.	.	.	26
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	71	46	4	0	1	0	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 7.8 NO. OF CASES= 75.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	5	23	1	.	.	.	.	.	.	.	29
3.0-3.9	.	23	23	1	.	.	.	.	.	.	47
4.0-4.9	.	10	35	.	.	.	.	.	.	.	45
5.0-5.9	.	.	10	1	10	.	.	.	.	.	21
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	56	69	2	10	0	0	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 8.1 NO. OF CASES= 89.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	6	.	.	.	.	.	.	.	.	7
3.0-3.9	.	35	6	5	.	.	.	.	.	.	46
4.0-4.9	.	5	37	3	3	.	.	.	.	.	48
5.0-5.9	.	1	13	10	1	.	.	.	.	.	25
6.0-6.9	.	.	1	6	3	.	.	.	.	.	10
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	47	57	24	7	0	0	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 8.5 NO. OF CASES= 85.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	30	13	.	.	.	.	.	.	.	48
3.0-3.9	.	42	58	15	.	3	1	.	.	.	119
4.0-4.9	.	11	111	11	6	5	.	.	.	.	144
5.0-5.9	.	.	32	37	8	.	.	.	.	.	77
6.0-6.9	.	.	.	22	18	.	.	.	.	.	40
7.0-7.9	.	.	.	1	17	.	.	.	.	.	18
8.0-8.9	.	.	.	.	3	1	.	.	.	.	4
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	5	.	.	.	.	5
TOTAL	5	83	214	86	52	14	1	0	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 11.2 MEAN TP(SEC)= 9.0 NO. OF CASES= 273.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	8	49	34	1	.	.	.	.	.	.	92
3.0-3.9	.	70	75	17	8	5	.	.	.	.	175
4.0-4.9	.	10	121	25	41	5	.	.	.	.	202
5.0-5.9	.	1	61	32	17	20	.	.	.	.	131
6.0-6.9	.	.	3	70	47	13	.	.	.	.	133
7.0-7.9	.	.	.	10	104	11	.	.	.	.	125
8.0-8.9	.	.	.	.	18	3	.	.	.	.	21
9.0-9.9	.	.	.	.	.	10	.	.	.	.	10
10.0+	.	.	.	.	.	17	5	.	.	.	22
TOTAL	9	130	294	155	235	84	5	0	0	0	

MEAN HS(M) = 5.2 LARGEST HS(M)= 12.3 MEAN TP(SEC)= 9.6 NO. OF CASES= 541.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	.	5	.	.	.	.	.	.	.	13
2.0-2.9	27	94	54	20	6	.	.	.	.	.	201
3.0-3.9	.	104	35	39	44	23	.	.	.	.	245
4.0-4.9	.	34	136	34	54	30	3	.	.	.	291
5.0-5.9	.	.	114	99	13	42	13	.	.	.	281
6.0-6.9	.	.	18	119	70	20	6	.	.	.	233
7.0-7.9	.	.	.	20	121	22	5	.	.	.	168
8.0-8.9	.	.	.	5	34	32	25	.	.	.	96
9.0-9.9	.	.	.	.	10	30	1	.	.	.	41
10.0+	.	.	.	.	3	29	32	.	.	.	64
TOTAL	35	232	362	336	355	228	85	0	0	0	

MEAN HS(M) = 5.4 LARGEST HS(M)= 12.5 MEAN TP(SEC)= 10.0 NO. OF CASES= 967.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	5	.	.	.	.	.	.	.	11
2.0-2.9	56	239	169	42	17	1	.	.	.	.	524
3.0-3.9	.	302	128	152	145	29	6	.	.	.	762
4.0-4.9	.	70	342	49	174	112	3	.	.	.	750
5.0-5.9	.	.	241	207	78	154	3	.	.	.	683
6.0-6.9	.	.	49	244	164	124	29	.	.	.	610
7.0-7.9	.	.	8	83	261	73	51	.	.	.	476
8.0-8.9	.	.	1	5	88	107	6	10	.	.	217
9.0-9.9	.	.	.	1	27	126	15	8	.	.	177
10.0+						82	58				140
TOTAL	62	611	943	783	954	808	171	18	0	0	

MEAN HS(M) = 5.4 LARGEST HS(M)= 13.1 MEAN TP(SEC)= 10.1 NO. OF CASES= 2556.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	35	53	34	3	6	.	.	.	.	.	131
2.0-2.9	111	374	458	118	55	18	6	.	.	.	1120
3.0-3.9	5	550	304	352	263	88	20	.	.	.	1582
4.0-4.9	.	109	504	138	388	285	32	.	.	.	1456
5.0-5.9	.	6	391	330	179	302	73	3	.	.	1284
6.0-6.9	.	.	94	350	261	217	231	5	.	.	1158
7.0-7.9	.	.	5	75	431	164	181	10	.	.	866
8.0-8.9	.	.	.	13	147	212	95	11	.	.	478
9.0-9.9	.	.	.	1	23	133	59	11	.	.	227
10.0+						42	78	35			155
TOTAL	151	1092	1790	1380	1733	1461	775	75	0	0	

MEAN HS(M) = 5.2 LARGEST HS(M)= 14.8 MEAN TP(SEC)= 10.3 NO. OF CASES= 4961.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	6	10	.	.	.	.	.	.	.	.	16
1.0-1.9	142	682	431	66	13	.	.	.	.	.	1334
2.0-2.9	222	722	1483	737	205	37	10	.	.	.	3416
3.0-3.9	3	855	619	888	942	355	63	.	.	.	3725
4.0-4.9	.	142	610	287	1028	930	164	.	.	.	3161
5.0-5.9	.	10	419	393	408	1300	455	.	.	.	2985
6.0-6.9	.	.	75	328	455	609	906	8	.	.	2381
7.0-7.9	.	.	8	77	420	333	581	63	.	.	1482
8.0-8.9	.	.	.	5	97	196	198	73	.	.	569
9.0-9.9	.	.	.	.	15	138	102	39	.	.	294
10.0+						32	82	35			149
TOTAL	373	2421	3645	2781	3583	3930	2561	218	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 13.7 MEAN TP(SEC)= 10.6 NO. OF CASES= 11419.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	[illegible]	99	13								[illegible]
1.0-1.9	[illegible]	[illegible]	[illegible]	501	130	15	1	.	.	.	[illegible]
2.0-2.9	131	[illegible]	[illegible]	[illegible]	1307	342	61	.	.	.	[illegible]
3.0-3.9	.	[illegible]	[illegible]	[illegible]	[illegible]	1396	261	20	.	.	[illegible]
4.0-4.9	.	94	451	191	1225	2251	631	30	.	.	[illegible]
5.0-5.9	.	.	258	220	314	1707	1136	29	.	.	[illegible]
6.0-6.9	.	.	23	148	217	475	949	59	.	.	[illegible]
7.0-7.9	.	.	1	25	104	157	396	73	.	.	[illegible]
8.0-8.9	.	.	.	1	13	56	131	41	.	.	[illegible]
9.0-9.9	.	.	.	.	1	13	30	37	.	.	[illegible]
10.0+						8	8	17			33
TOTAL	644	3628	7659	5463	5932	6410	3604	306	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 12.1 MEAN TP(SEC)= 10.4 NO. OF CASES= [illegible]

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	165	58	104	56	11	.	.	.	.	.	394
1.0-1.9	1084	2065	2878	711	254	6	5	1	.	.	7004
2.0-2.9	338	930	2703	1954	1293	532	18	17	.	.	7785
3.0-3.9	.	583	559	971	1350	870	289	10	.	.	4632
4.0-4.9	.	44	337	280	855	713	381	8	.	.	2618
5.0-5.9	.	.	82	114	177	535	232	54	.	.	1194
6.0-6.9	.	.	3	54	119	205	133	20	.	.	534
7.0-7.9	.	.	.	3	73	78	68	13	.	.	235
8.0-8.9	.	.	.	.	13	23	17	15	.	.	68
9.0-9.9	.	.	.	.	.	.	3	5	.	.	8
10.0+	.	.	.	.	.	.	13	1	.	.	14
TOTAL	1587	3680	6666	4143	4145	2962	1159	144	0	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 11.8 MEAN TP(SEC)= 9.6 NO. OF CASES= 14329.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	66	.	.	.	.	.	.	.	.	.	66
1.0-1.9	352	439	191	30	1	.	.	.	.	.	1013
2.0-2.9	357	852	242	133	70	30	8	6	.	.	1698
3.0-3.9	.	403	152	150	136	58	18	.	.	.	917
4.0-4.9	.	13	106	53	150	47	11	.	.	.	380
5.0-5.9	.	1	29	65	49	83	1	.	.	.	228
6.0-6.9	.	.	1	13	27	41	20	.	.	.	102
7.0-7.9	.	.	.	.	3	5	3	.	.	.	11
8.0-8.9	.	.	.	.	.	5	.	.	.	.	5
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	775	1708	721	444	436	269	61	6	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 8.1 NO. OF CASES= 2596.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	6	.	.	.	.	.	.	.	.	.	6
1.0-1.9	102	80	17	1	.	.	.	.	.	.	200
2.0-2.9	78	273	42	18	8	1	.	.	.	.	420
3.0-3.9	.	97	30	15	6	15	.	.	.	.	163
4.0-4.9	.	6	27	11	11	3	.	.	.	.	58
5.0-5.9	.	.	15	17	.	.	.	.	.	.	32
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	186	456	131	62	25	19	0	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 7.2 NO. OF CASES= 522.

STATION 12 51.05N 134.00W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	3	.	.	.	.	.	.	.	.	13
2.0-2.9	41	58	11	1	.	.	.	.	.	.	111
3.0-3.9	.	71	17	3	.	5	.	.	.	.	96
4.0-4.9	.	17	25	.	3	.	1	.	.	.	46
5.0-5.9	.	.	10	10	.	.	.	.	.	.	20
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	51	149	63	14	3	5	1	0	0	0	

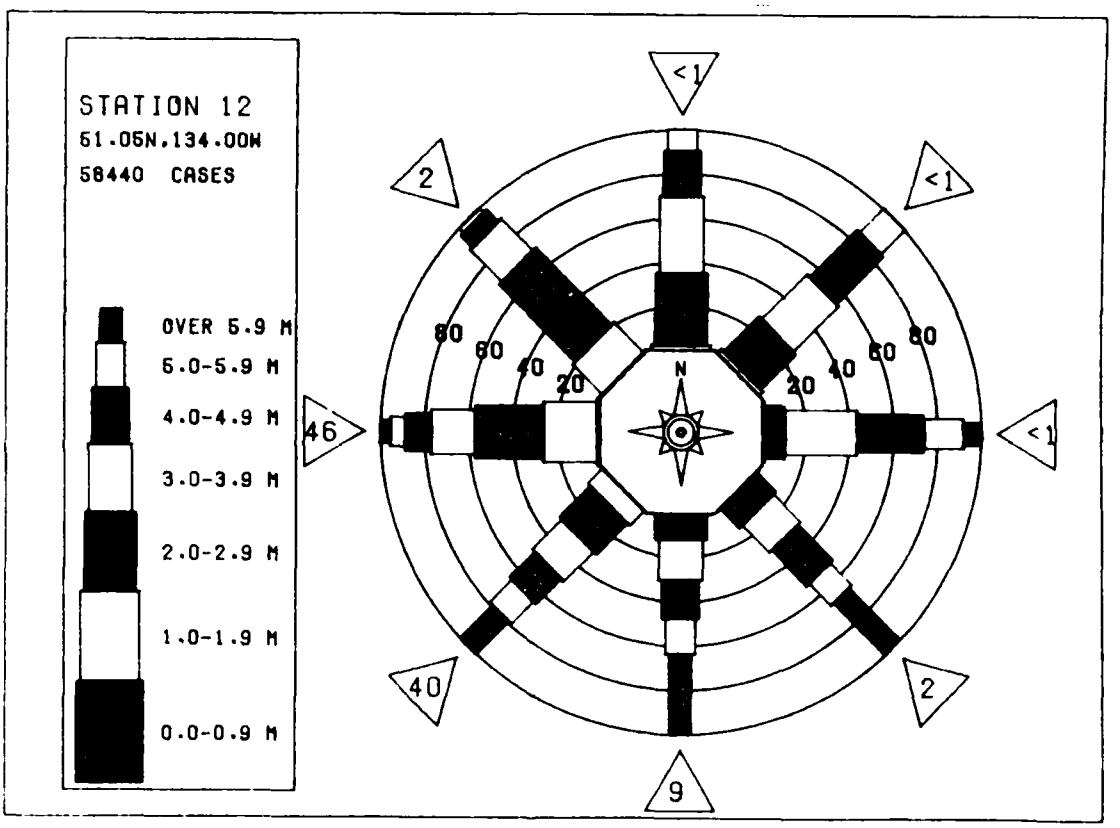
MEAN HS(M) = 3.2 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 7.5 NO. OF CASES= 171.

STATION 12 51.05N 134.00W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	TOTAL
0. -0.9	35	16	11	5	1	.	.	.	.	.	68
1.0-1.9	216	528	636	131	40	2	.	.	.	.	1553
2.0-2.9	140	465	860	612	294	96	10	2	.	.	[illegible]
3.0-3.9	.	381	276	389	552	284	66	3	.	.	1951
4.0-4.9	.	59	293	108	394	438	123	3	.	.	[illegible]
5.0-5.9	.	2	172	154	126	414	191	8	.	.	[illegible]
6.0-6.9	.	.	27	136	138	170	227	9	.	.	707
7.0-7.9	.	.	2	29	153	84	128	16	.	.	[illegible]
8.0-8.9	.	.	.	3	41	63	47	15	.	.	[illegible]
9.0-9.9	.	.	.	.	7	45	21	10	.	.	83
10.0+	.	.	.	.	.	21	27	9	.	.	57
TOTAL	391	1451	2277	1567	1746	1617	840	75	0	0	

MEAN HS(M)= 3.8 LARGEST HS(M)= 14.8 MEAN TP(SEC)= 10.0 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 12 (51.05N 134.00W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	5.3	4.5	4.3	3.2	2.8	2.6	1.9	2.2	2.2	4.0	5.3	6.1	3.7
1957	3.8	4.1	4.4	3.1	2.6	2.4	1.7	1.5	2.6	3.4	4.9	5.5	3.3
1958	6.9	5.3	3.4	4.0	2.7	2.1	2.1	2.3	2.7	4.0	5.0	6.2	3.9
1959	5.6	4.7	5.4	3.1	2.8	2.3	2.0	2.0	2.8	3.9	4.5	6.5	3.8
1960	5.4	5.6	3.8	3.6	2.7	2.3	1.8	2.1	2.2	4.3	5.4	5.5	3.7
1961	6.4	6.0	4.9	3.2	2.3	2.3	1.8	1.8	2.4	4.5	4.9	4.9	3.8
1962	5.0	3.8	3.3	3.4	2.2	1.9	1.4	2.3	2.6	4.0	6.2	6.0	3.5
1963	4.7	6.0	3.9	2.6	2.2	2.6	1.6	1.2	3.0	5.4	5.4	6.6	3.8
1964	6.8	5.3	4.3	3.6	2.3	2.5	2.1	2.4	2.7	4.0	4.6	5.8	3.9
1965	5.4	4.6	3.7	3.2	2.7	2.6	2.0	1.7	2.2	5.0	4.5	5.1	3.6
1966	6.0	4.5	5.0	3.1	3.0	2.3	1.9	2.2	3.4	4.2	4.1	5.9	3.8
1967	6.2	5.7	3.5	2.8	2.6	2.0	1.6	1.8	3.6	4.5	4.4	5.6	3.7
1968	4.9	5.6	4.9	3.7	2.0	2.3	1.9	2.0	2.6	4.5	6.2	5.3	3.8
1969	3.9	5.1	4.0	4.4	2.6	2.6	2.0	2.1	2.7	4.2	6.0	7.9	4.0
1970	5.4	6.1	5.2	4.1	2.8	2.2	2.2	2.0	2.6	3.9	4.9	5.5	3.9
1971	5.3	5.5	5.3	4.0	2.7	2.6	1.5	2.3	2.9	3.7	5.1	5.1	3.8
1972	6.3	5.4	5.0	3.8	2.7	2.6	2.3	2.0	2.6	3.7	5.9	5.4	4.0
1973	6.5	5.2	5.0	3.8	3.4	3.0	2.9	2.0	3.0	4.4	4.5	6.5	4.1
1974	5.4	5.6	4.7	4.2	3.5	2.7	1.9	1.8	2.3	5.1	5.4	7.0	4.1
1975	5.7	5.1	3.8	2.9	2.5	2.0	1.8	1.9	1.7	4.2	5.3	5.5	3.5
MEAN	5.5	5.2	4.4	3.5	2.7	2.4	1.9	2.0	2.7	4.1	5.1	5.9	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 12 (51.05N 134.00W)

MONTH

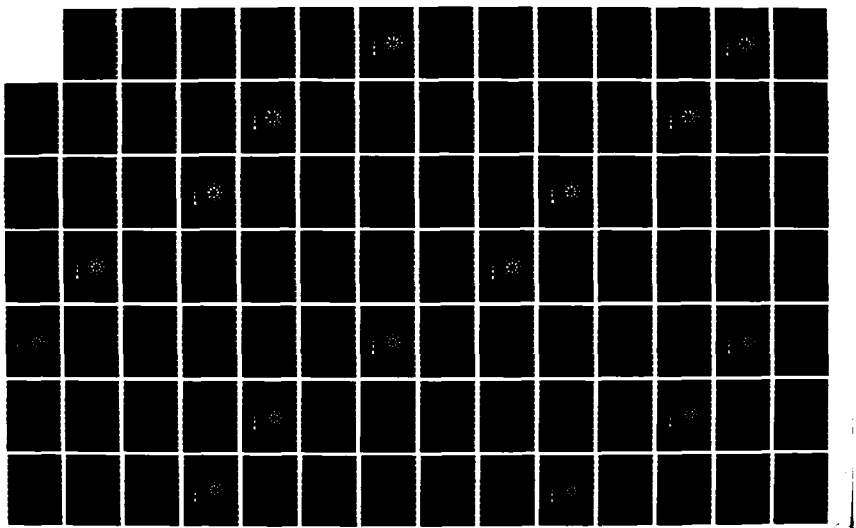
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	9.1	6.4	6.7	4.7	4.1	4.0	3.5	3.6	4.1	8.0	7.6	10.0
1957	6.0	7.9	6.3	6.1	4.7	4.0	2.5	2.8	5.0	5.6	7.1	8.4
1958	12.0	9.0	6.2	7.1	5.8	3.1	3.1	3.8	4.1	7.2	10.1	10.4
1959	9.6	8.7	8.7	7.9	4.7	4.7	2.7	3.3	4.1	7.5	9.1	12.1
1960	11.0	9.5	6.7	6.2	3.9	4.6	3.3	3.3	3.7	9.3	11.0	9.1
1961	11.4	10.3	8.5	7.5	3.1	4.4	3.0	3.3	3.7	7.3	8.0	9.5
1962	8.5	5.2	5.3	5.6	3.6	2.9	2.4	3.6	5.3	8.7	11.8	12.5
1963	10.1	11.4	6.9	4.3	4.2	4.5	2.7	2.7	4.6	10.8	9.4	14.0
1964	11.4	9.6	6.5	6.3	3.7	4.4	3.3	4.0	4.7	10.2	7.9	11.1
1965	10.4	7.1	7.6	4.6	5.9	4.4	4.0	2.4	3.5	8.7	9.1	7.9
1966	10.1	7.8	9.2	6.0	5.4	4.1	3.1	3.2	7.7	8.1	7.1	9.0
1967	13.1	8.9	8.2	5.6	5.2	4.4	2.7	3.2	5.2	7.9	8.6	13.0
1968	9.9	9.3	9.0	5.3	4.0	4.2	2.9	3.5	5.4	9.2	9.4	10.4
1969	7.1	8.1	6.5	8.2	4.6	3.7	4.0	3.5	4.7	6.8	11.1	11.2
1970	10.9	10.8	9.3	7.0	4.0	3.7	3.6	3.4	4.1	8.4	10.3	11.3
1971	9.8	8.0	8.4	6.2	3.9	4.3	2.3	5.2	5.6	7.2	7.2	8.7
1972	12.1	9.4	7.7	7.9	4.1	3.7	5.1	3.4	5.7	8.1	11.8	11.0
1973	14.8	12.0	7.6	6.7	8.4	4.8	4.3	3.3	5.2	8.0	9.6	11.6
1974	9.2	9.3	7.7	6.7	6.7	5.1	3.3	3.0	5.1	7.9	9.4	12.0
1975	10.0	10.5	7.5	5.3	4.8	3.2	3.4	3.1	3.4	7.4	10.9	9.3

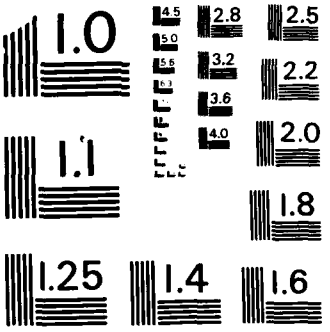
20 YR. STATISTICS FOR PACIFIC STATION 12 (51.05N 134.00W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.8
MEAN PEAK WAVE PERIOD (SECONDS)=	10.1
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	247.5
STANDARD DEVIATION OF HS(METRES)=	1.9
STANDARD DEVIATION OF TP(SECONDS)=	2.4
LARGEST HS(METRES)=	14.8
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	204.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	73012212

AD-A168 511 PACIFIC COAST HINDCAST DEEPWATER WAVE INFORMATION(U) 2/3
COASTAL ENGINEERING RESEARCH CENTER VICKSBURG MS
W D CORSON ET AL. MAR 86 CERC-WIS-14

UNCLASSIFIED F/G 8/3 NL





STATION 13 53.55N 135.97W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	10	46	3	8	5	.	.	.	.	.	80
3.0-3.9	.	75	6	.	3	1	.	.	.	.	85
4.0-4.9	.	17	5	.	.	.	.	.	.	.	22
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	19	138	14	8	8	1	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 7.3 NO. OF CASES= 113.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	1
2.0-2.9	29	54	.	8	6	5	.	.	.	.	102
3.0-3.9	.	34	.	.	.	3	.	.	.	.	37
4.0-4.9	.	8	17	.	.	.	.	.	.	.	25
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	29	97	17	8	6	8	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.4 NO. OF CASES= 99.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	3	.	.	.	.	.	.	.	.	4
2.0-2.9	17	47	6	3	.	1	.	.	.	.	74
3.0-3.9	.	56	6	.	.	5	.	.	.	.	67
4.0-4.9	.	3	20	.	.	.	.	.	.	.	23
5.0-5.9	.	1	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18	110	32	3	0	6	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 7.3 NO. OF CASES= 103.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	8	32	.	.	.	.	.	.	.	.	40
3.0-3.9	.	34	8	.	.	1	.	.	.	.	43
4.0-4.9	.	11	34	.	.	.	.	.	.	.	45
5.0-5.9	.	.	17	.	.	.	.	.	.	.	17
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	77	59	0	0	1	0	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 7.5 NO. OF CASES= 87.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	8	17	.	3	5	.	.	.	.	.	33
3.0-3.9	.	30	10	1	1	.	.	.	.	.	42
4.0-4.9	.	13	32	.	.	.	.	.	.	.	45
5.0-5.9	.	.	5	5	.	.	.	.	.	.	10
6.0-6.9	.	.	3	13	.	.	.	.	.	.	16
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	60	50	22	6	0	0	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 8.0 NO. OF CASES= 89.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	13	22	5	5	3	.	.	.	.	.	48
3.0-3.9	.	53	10	10	3	3	.	.	.	.	79
4.0-4.9	.	17	27	.	3	5	.	.	.	.	52
5.0-5.9	.	.	23	5	5	3	.	.	.	.	36
6.0-6.9	.	.	3	15	1	.	.	.	.	.	19
7.0-7.9	.	.	.	5	6	.	.	.	.	.	11
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16	92	68	40	21	11	0	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 7.9 MEAN TP(SEC)= 8.4 NO. OF CASES= 150.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	22	34	18	23	11	1	.	.	.	.	109
3.0-3.9	.	77	11	42	35	11	.	.	.	.	176
4.0-4.9	.	37	58	6	44	15	.	.	.	.	160
5.0-5.9	.	3	87	49	27	17	.	.	.	.	183
6.0-6.9	.	.	3	30	17	3	.	.	.	.	53
7.0-7.9	.	.	1	.	15	6	.	.	.	.	22
8.0-8.9	.	.	.	1	17	6	.	.	.	.	24
9.0-9.9	.	.	.	.	8	.	.	.	.	.	8
10.0+	.	.	.	.	1	1	.	.	.	.	2
TOTAL	25	151	178	151	175	60	0	0	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 9.4 NO. OF CASES= 444.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	5	18	.	.	.	.	.	.	.	26
2.0-2.9	29	97	51	49	27	.	.	.	.	.	253
3.0-3.9	.	142	102	22	111	46	.	.	.	.	423
4.0-4.9	.	42	106	30	49	68	.	.	.	.	295
5.0-5.9	.	3	94	87	42	49	1	.	.	.	276
6.0-6.9	.	.	13	99	80	18	37	.	.	.	247
7.0-7.9	.	.	.	15	70	20	6	.	.	.	111
8.0-8.9	.	.	.	5	37	23	8	.	.	.	73
9.0-9.9	.	.	.	.	6	35	6	3	.	.	50
10.0+	.	.	.	.	.	9	17	.	.	.	26
TOTAL	32	289	384	307	422	265	75	3	0	0	

MEAN HS(M) = 4.9 LARGEST HS(M)= 13.2 MEAN TP(SEC)= 9.9 NO. OF CASES= 1051.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	17	20	39	5	.	.	.	.	.	.	81
2.0-2.9	71	169	234	104	13	5	.	.	.	.	601
3.0-3.9	.	294	145	124	177	109	.	.	.	.	849
4.0-4.9	.	87	325	104	157	179	1	.	.	.	853
5.0-5.9	.	8	198	188	138	259	53	.	.	.	844
6.0-6.9	.	.	23	160	203	145	83	.	.	.	614
7.0-7.9	.	.	8	35	220	88	53	1	.	.	405
8.0-8.9	.	.	.	5	59	133	73	3	.	.	273
9.0-9.9	.	.	.	.	1	111	75	3	.	.	190
10.0+						29	46	3			78
TOTAL	88	578	972	725	973	1043	389	10	0	0	

MEAN HS(M) = 5.2 LARGEST HS(M)= 13.2 MEAN TP(SEC)= 10.4 NO. OF CASES= 3607.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9		5									5
1.0-1.9	61	217	242	1	.	.	.	.	.	.	521
2.0-2.9	78	386	785	333	66	20	5	.	.	.	1673
3.0-3.9	.	480	352	371	605	201	13	.	.	.	2022
4.0-4.9	.	87	422	195	641	479	63	.	.	.	1887
5.0-5.9	.	1	258	306	302	533	184	.	.	.	1584
6.0-6.9	.	.	30	308	400	472	306	3	.	.	1519
7.0-7.9	.	.	.	47	293	316	302	18	.	.	975
8.0-8.9	.	.	.	1	49	203	148	38	.	.	440
9.0-9.9	.	.	.	.	1	109	83	47	.	.	240
10.0+						50	80	25			125
TOTAL	139	1176	2089	1562	2354	2355	1184	152	0	0	

MEAN HS(M) = 4.9 LARGEST HS(M)= 13.6 MEAN TP(SEC)= 10.6 NO. OF CASES= 6441.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	70	41									111
1.0-1.9	107	1014	1153	152	80	13	1	.	.	.	2520
2.0-2.9	138	626	2330	1559	439	100	20	3	.	.	5215
3.0-3.9	3	480	581	1335	1683	668	63	.	.	.	4813
4.0-4.9	.	87	472	509	1155	1952	239	1	.	.	4415
5.0-5.9	.	1	229	273	469	1651	617	5	.	.	3245
6.0-6.9	.	.	17	172	395	815	1271	33	.	.	2706
7.0-7.9	.	.	.	13	147	273	662	29	.	.	1124
8.0-8.9	.	.	.	.	15	196	224	138	.	.	573
9.0-9.9	.	.	.	.	1	41	65	63	.	.	170
10.0+						8	25	17			50
TOTAL	318	2249	4782	3723	4604	5738	3552	295	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 12.1 MEAN TP(SEC)= 10.9 NO. OF CASES= 14760.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	118	116	23	8	8	1					274
1.0-1.9	509	2623	4435	853	266	20	11	.	.	.	8717
2.0-2.9	116	716	3776	4187	2395	443	[illegible]				11556
3.0-3.9	3	354	515	1037	3537	1839	[illegible]	8			[illegible]
4.0-4.9	.	30	217	354	1013	[illegible]	[illegible]	55			[illegible]
5.0-5.9	.	.	85	157	260	1334	[illegible]	97			[illegible]
6.0-6.9	.	.	1	65	107	[illegible]	[illegible]	71			[illegible]
7.0-7.9	.	.	.	6	39	[illegible]	[illegible]	49			[illegible]
8.0-8.9	.	.	.	.	5	53	[illegible]	58			[illegible]
9.0-9.9	.	.	.	.	.	1	[illegible]	[illegible]			[illegible]
10.0+							[illegible]				[illegible]
TOTAL	746	3859	9053	6667	7231	6713	[illegible]	342	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 12.6 MEAN TP(SEC)= 10.3 NO. OF CASES= [illegible].

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	95	80	49	32	8	.	.	.	.	.	264
1.0-1.9	598	1201	2429	455	162	25	.	.	.	.	4870
2.0-2.9	183	586	1398	882	715	400	46	.	.	.	4210
3.0-3.9	.	232	438	713	775	602	222	10	.	.	2992
4.0-4.9	.	6	140	183	439	369	179	5	.	.	1321
5.0-5.9	.	.	22	56	164	265	100	17	.	.	624
6.0-6.9	.	.	.	17	73	128	51	18	.	.	287
7.0-7.9	.	.	.	.	13	6	23	10	.	.	52
8.0-8.9	.	.	.	.	1	5	6	.	.	.	12
9.0-9.9	.	.	.	.	.	3	3	.	.	.	6
10.0+	.	.	.	.	.	.	3	.	.	.	3
TOTAL	876	2105	4476	2338	2349	1803	633	60	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 9.5 NO. OF CASES= 8570.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	18	.	.	.	.	.	.	.	.	.	18
1.0-1.9	198	143	35	20	5	1	.	.	.	.	402
2.0-2.9	177	347	94	34	42	17	.	.	.	.	711
3.0-3.9	.	34	27	53	42	37	22	.	.	.	215
4.0-4.9	.	3	18	34	99	25	3	.	.	.	182
5.0-5.9	.	.	6	.	15	10	.	.	.	.	31
6.0-6.9	.	.	.	.	1	6	.	1	.	.	8
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	
TOTAL	393	527	180	141	204	96	25	1	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 8.0 NO. OF CASES= 925.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	82	20	1	1	.	.	.	.	.	.	104
2.0-2.9	56	85	25	20	37	10	.	.	.	.	233
3.0-3.9	.	32	32	5	18	10	11	.	.	.	108
4.0-4.9	.	6	22	6	15	8	.	.	.	.	57
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	138	143	80	32	70	28	11	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 7.9 NO. OF CASES= 300.

STATION 13 53.55N 135.97W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	3	.	.	.	.	.	.	.	.	11
2.0-2.9	23	88	11	13	8	3	.	.	.	.	146
3.0-3.9	.	51	20	.	10	3	5	.	.	.	89
4.0-4.9	.	13	13	.	3	.	.	.	.	.	29
5.0-5.9	.	1	3	.	.	.	.	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	31	156	47	13	21	6	5	0	0	0	

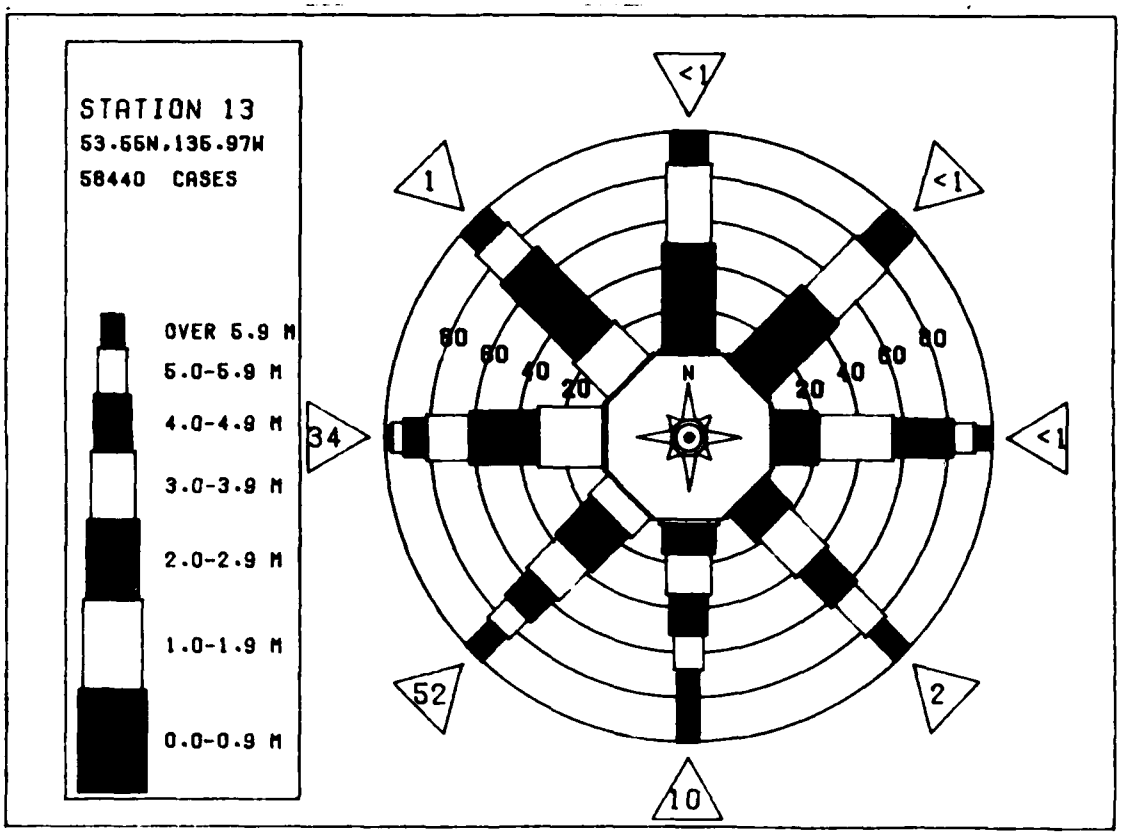
MEAN HS(M) = 3.0 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 7.6 NO. OF CASES= 169.

STATION 13 53.55N 135.97W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	30	24	7	4	1	.	.	.	.	.	66
1.0-1.9	159	525	835	149	51	6	1	.	.	.	1726
2.0-2.9	99	336	874	724	368	100	10	.	.	.	2511
3.0-3.9	.	248	227	381	690	356	72	1	.	.	1975
4.0-4.9	.	47	193	102	362	566	122	5	.	.	1397
5.0-5.9	.	2	103	112	144	411	247	11	.	.	1030
6.0-6.9	.	.	9	88	128	165	251	13	.	.	655
7.0-7.9	.	.	1	12	80	61	131	10	.	.	311
8.0-8.9	.	.	.	1	18	62	57	63	.	.	199
9.0-9.9	.	.	.	.	2	30	28	12	.	.	72
10.0+						6	19	4			29
TOTAL	288	1182	2249	1573	1844	1814	938	79	0	0	

MEAN HS(M)= 3.7 LARGEST HS(M)= 13.6 MEAN TP(SEC)= 10.3 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 13 (53.55N 135.97W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	4.9	4.3	4.2	3.3	2.9	2.5	1.7	2.3	2.3	3.9	5.4	5.8	3.6
1957	3.6	4.1	4.3	3.1	2.6	2.4	1.5	1.4	2.7	3.4	5.1	5.1	3.3
1958	6.6	4.9	3.2	3.9	2.7	2.1	2.1	2.2	2.6	3.9	4.9	5.9	3.8
1959	5.3	4.5	5.1	3.1	2.7	2.1	1.9	2.0	2.7	4.1	4.9	6.4	3.7
1960	5.3	5.5	3.8	3.2	2.6	2.3	1.8	2.1	2.2	4.3	5.3	5.6	3.7
1961	6.1	5.5	4.5	3.2	2.3	2.3	1.9	1.9	2.3	4.5	4.9	4.6	3.7
1962	5.1	3.7	3.3	3.2	2.1	1.7	1.4	2.2	2.6	4.0	5.9	5.5	3.4
1963	5.0	5.6	3.7	2.4	2.2	2.6	1.6	1.2	2.8	5.0	5.2	6.4	3.6
1964	6.6	5.4	4.1	3.5	2.2	2.2	2.1	2.5	2.6	3.8	4.6	5.3	3.7
1965	5.2	4.6	3.8	3.1	2.8	2.6	1.9	1.6	1.9	5.0	4.1	4.9	3.5
1966	5.6	4.3	4.5	3.0	2.9	2.1	2.0	2.3	3.4	4.3	4.1	5.4	3.7
1967	5.9	5.6	3.3	2.8	2.4	1.8	1.5	1.9	3.7	4.3	4.5	5.5	3.6
1968	4.5	5.6	4.6	3.8	2.0	2.2	1.9	2.0	2.8	4.4	6.0	4.9	3.7
1969	3.6	4.9	4.0	4.2	2.6	2.2	2.0	1.9	2.7	4.2	5.8	7.5	3.8
1970	5.1	6.3	5.3	4.0	2.9	2.3	2.3	2.0	2.5	3.7	4.4	5.0	3.8
1971	5.1	5.3	4.9	3.9	2.8	2.5	1.3	2.2	2.7	3.7	4.8	4.8	3.7
1972	6.1	5.1	4.6	3.4	2.6	2.4	2.0	2.1	2.3	3.9	5.6	5.1	3.8
1973	5.8	5.1	5.0	3.7	3.4	2.9	2.6	2.0	2.9	4.2	4.0	6.1	4.0
1974	5.0	5.5	4.4	4.1	3.4	2.6	1.8	1.8	2.3	5.4	5.6	6.8	4.1
1975	5.4	4.7	3.7	2.8	2.5	1.9	1.8	1.7	1.8	3.8	4.8	5.1	3.3
MEAN	5.3	5.0	4.2	3.4	2.6	2.3	1.9	2.0	2.6	4.2	5.0	5.6	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 13 (53.55N 135.97W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.6	6.3	6.2	4.7	4.6	3.6	2.6	3.9	4.5	7.3	7.4	10.1
1957	6.2	8.4	6.7	6.4	5.2	4.1	2.3	2.9	4.8	5.3	6.8	6.6
1958	10.8	7.8	6.4	7.0	4.9	3.6	3.1	3.5	4.1	6.8	9.6	9.7
1959	11.0	8.3	8.3	7.3	4.6	3.9	2.8	3.9	4.1	6.4	9.1	10.1
1960	13.2	10.2	5.8	5.2	3.5	3.7	3.0	3.6	3.7	9.6	9.4	9.6
1961	10.5	8.9	8.4	7.0	3.8	3.9	3.1	2.8	3.6	7.0	9.4	8.6
1962	9.1	5.7	4.4	5.1	3.4	3.0	2.3	3.3	4.6	9.3	10.2	10.0
1963	11.1	10.4	6.9	3.7	3.6	4.5	2.5	1.8	4.1	10.9	10.0	13.6
1964	11.8	8.7	7.1	6.3	3.4	3.2	3.0	3.8	4.5	9.2	7.4	11.0
1965	9.2	6.6	7.9	4.7	6.1	3.7	3.6	2.7	3.1	9.1	8.7	7.9
1966	9.6	7.0	8.2	5.3	4.7	3.6	3.8	3.3	5.9	7.7	7.4	8.6
1967	13.2	8.2	6.7	5.5	4.8	2.9	2.6	3.7	5.9	8.1	9.0	10.3
1968	9.0	9.3	8.7	5.6	3.1	3.3	2.9	3.6	5.2	8.9	10.1	9.5
1969	6.9	7.9	6.5	8.3	5.0	3.8	4.0	3.4	4.1	7.0	11.2	10.0
1970	9.3	11.6	8.7	6.6	4.1	3.7	4.8	3.1	4.3	7.5	9.7	9.5
1971	8.0	7.5	8.1	6.7	4.2	4.1	1.9	4.9	5.0	6.3	7.1	9.0
1972	12.6	8.6	7.1	6.7	4.3	3.8	4.3	3.8	5.4	8.8	10.7	12.1
1973	12.6	9.2	7.4	5.6	5.9	4.6	4.1	3.3	4.7	9.1	8.6	10.4
1974	9.3	7.7	7.0	6.1	5.8	5.2	3.3	2.7	4.6	9.7	11.3	12.2
1975	11.6	8.7	6.2	4.6	4.7	3.1	3.2	2.3	4.1	6.9	8.4	10.1

20 YR. STATISTICS FOR PACIFIC STATION 13 (53.55N 135.97W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.7
MEAN PEAK WAVE PERIOD (SECONDS)=	10.4
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	247.5
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	2.3
LARGEST HS(METRES)=	13.6
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	196.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	63123112

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	3	.	.	.	.	.	.	3
2.0-2.9	5	15	1	.	3	.	.	.	.	.	24
3.0-3.9	.	3	1	1	1	5	1	.	.	.	12
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	18	2	4	4	5	1	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 8.4 NO. OF CASES= 26.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	15	6	6	3	.	.	.	.	.	.	30
3.0-3.9	.	18	11	.	1	.	.	.	.	.	30
4.0-4.9	.	1	6	.	.	.	.	.	.	.	7
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15	25	23	3	1	0	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.5 NO. OF CASES= 43.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	15	17	3	1	.	.	.	.	.	.	36
3.0-3.9	.	78	8	1	.	.	.	.	.	.	87
4.0-4.9	.	5	11	.	.	.	.	.	.	.	16
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15	100	22	2	0	0	0	0	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.3 NO. OF CASES= 84.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	1	1	3	.	.	.	.	.	.	8
2.0-2.9	37	68	6	.	.	.	.	.	.	.	111
3.0-3.9	.	111	41	1	.	.	.	.	.	.	153
4.0-4.9	.	25	73	3	3	.	.	.	.	.	104
5.0-5.9	.	.	13	3	.	.	.	.	.	.	16
6.0-6.9	.	.	3	6	.	.	.	.	.	.	9
7.0-7.9	.	.	.	1	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	40	205	137	17	3	0	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 7.3 MEAN TP(SEC)= 7.5 NO. OF CASES= 241.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	5	1	1	.	.	.	.	.	.	10
2.0-2.9	17	136	8	.	1	5	.	.	.	.	167
3.0-3.9	.	225	35	3	3	5	.	.	.	.	271
4.0-4.9	.	58	239	10	5	.	.	.	.	.	312
5.0-5.9	.	5	82	41	6	.	.	.	.	.	134
6.0-6.9	.	.	13	65	6	.	.	.	.	.	84
7.0-7.9	.	.	1	15	20	.	.	.	.	.	36
8.0-8.9	.	.	.	1	5	.	.	.	.	.	6
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	429	379	136	46	10	0	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 8.2 NO. OF CASES= 604.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	3	3	.	.	.	.	.	.	.	14
2.0-2.9	18	83	3	6	3	.	.	.	.	.	113
3.0-3.9	.	217	25	13	11	3	.	.	.	.	269
4.0-4.9	.	46	142	13	11	.	.	.	.	.	212
5.0-5.9	.	3	171	53	27	5	.	.	.	.	259
6.0-6.9	.	.	35	112	11	5	.	.	.	.	163
7.0-7.9	.	.	3	39	5	1	.	.	.	.	48
8.0-8.9	.	.	.	5	13	.	.	.	.	.	18
9.0-9.9	.	.	.	.	5	.	.	.	.	.	5
10.0+	.	.	.	.	1	.	.	.	.	.	1
TOTAL	26	352	382	241	87	14	0	0	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 10.2 MEAN TP(SEC)= 8.6 NO. OF CASES= 654.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	3	11	1	.	.	.	.	.	.	18
2.0-2.9	32	142	29	53	27	1	.	.	.	.	284
3.0-3.9	.	234	34	42	88	34	3	.	.	.	435
4.0-4.9	.	90	183	25	54	13	.	.	.	.	365
5.0-5.9	.	3	201	56	18	10	.	.	.	.	288
6.0-6.9	.	.	37	109	15	6	6	.	.	.	173
7.0-7.9	.	.	6	29	29	3	3	.	.	.	70
8.0-8.9	.	.	.	1	30	11	.	.	.	.	42
9.0-9.9	.	.	.	.	8	.	.	.	.	.	8
10.0+	.	.	.	.	.	8	.	.	.	.	8
TOTAL	35	472	501	316	269	86	12	0	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 10.9 MEAN TP(SEC)= 9.0 NO. OF CASES= 1001.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	25	29	8	1	.	.	.	.	.	.	63
2.0-2.9	54	179	87	39	46	8	.	.	.	.	413
3.0-3.9	.	296	56	83	140	58	11	.	.	.	644
4.0-4.9	.	133	296	73	118	145	1	.	.	.	766
5.0-5.9	.	15	213	121	77	85	11	.	.	.	522
6.0-6.9	.	.	63	119	111	87	68	.	.	.	448
7.0-7.9	.	.	.	27	63	59	29	.	.	.	178
8.0-8.9	.	.	1	5	51	49	17	.	.	.	123
9.0-9.9	.	.	.	.	10	34	13	.	.	.	57
10.0+	.	.	.	.	.	10	11	.	.	.	21
TOTAL	79	652	724	468	616	535	161	0	0	0	

MEAN HS(M) = 4.8 LARGEST HS(M)= 12.7 MEAN TP(SEC)= 9.8 NO. OF CASES= 1915.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =130.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1	1									2
1.0-1.9	37	90	154	29	.	.	.	.	.	.	310
2.0-2.9	100	321	345	189	78	15	.	.	.	.	1048
3.0-3.9	.	415	224	160	326	124	18	.	.	.	1267
4.0-4.9	.	126	335	183	385	359	13	.	.	.	1351
5.0-5.9	.	11	201	217	267	302	103	.	.	.	1110
6.0-6.9	.	.	35	165	299	216	160	5	.	.	876
7.0-7.9	.	.	1	58	219	205	119	10	.	.	613
8.0-8.9	.	.	.	5	46	174	68	10	.	.	303
9.0-9.9	.	.	.	1	3	73	35	3	.	.	115
10.0+					1	18	49	6			74
TOTAL	138	964	1295	1007	1634	1452	564	34	0	0	

MEAN HS(M) = 4.8 LARGEST HS(M)= 13.7 MEAN TP(SEC)= 10.3 NO. OF CASES= 4161.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3	39	5			.	.	.	.	.	47
1.0-1.9	68	448	590	41	11	.	1	.	.	.	1159
2.0-2.9	138	497	1257	747	246	49	10	.	.	.	[illegible]
3.0-3.9	.	485	456	670	1172	345	30	.	.	.	3158
4.0-4.9	.	100	429	258	805	1208	71	.	.	.	[illegible]
5.0-5.9	.	1	179	270	473	1059	363	8	.	.	[illegible]
6.0-6.9	.	.	34	159	299	727	713	10	.	.	[illegible]
7.0-7.9	.	.	1	8	169	318	552	22	.	.	[illegible]
8.0-8.9	.	.	.	5	30	131	203	68	.	.	437
9.0-9.9	.	.	.	.	5	47	111	54	.	.	217
10.0+						6	61	20			87
TOTAL	209	1570	2951	2158	3230	3890	2035	182	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 12.4 MEAN TP(SEC)= 10.8 NO. OF CASES= 9530.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	181	54	46	5	6	.	.	.	.	.	[illegible]
1.0-1.9	272	1877	2854	402	102	6	.	.	.	.	5513
2.0-2.9	100	623	3352	3413	1033	152	13	.	.	.	[illegible]
3.0-3.9	1	290	535	1516	3175	1052	97	.	.	.	[illegible]
4.0-4.9	.	54	224	239	1327	2712	410	13	.	.	[illegible]
5.0-5.9	.	1	88	109	350	2045	1199	25	.	.	[illegible]
6.0-6.9	.	.	8	42	145	614	1057	10	.	.	[illegible]
7.0-7.9	.	.	.	5	65	145	580	95	.	.	[illegible]
8.0-8.9	.	.	.	.	5	73	195	124	.	.	402
9.0-9.9	.	.	.	.	.	18	29	42	.	.	89
10.0+							5				5
TOTAL	554	3099	7107	5731	6208	6833	3585	309	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 10.3 MEAN TP(SEC)= 10.6 NO. OF CASES= 19551.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	203	251	111	11	11	.	.	.	.	.	587
1.0-1.9	665	3098	5056	817	354	94	.	.	.	.	[illegible]
2.0-2.9	83	489	3264	3316	1895	508	88	.	.	.	[illegible]
3.0-3.9	1	200	354	944	2635	1343	391	.	.	.	[illegible]
4.0-4.9	.	10	116	131	645	1541	555	42	.	.	[illegible]
5.0-5.9	.	.	30	62	103	657	574	65	.	.	[illegible]
6.0-6.9	.	.	1	15	27	136	299	35	.	.	513
7.0-7.9	.	.	.	.	8	22	75	25	.	.	130
8.0-8.9	.	.	.	.	.	.	13	15	.	.	[illegible]
9.0-9.9	.	.	.	.	.	.	18	5	.	.	[illegible]
10.0+											0
TOTAL	952	4048	8932	5256	5699	4321	1934	147	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 9.9 NO. OF CASES= [illegible].

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	58	13	106								177
1.0-1.9	473	521	321	58	49	23					1445
2.0-2.9	71	189	328	207	56	68	44				963
3.0-3.9		30	90	213	160	30	41	5			529
4.0-4.9		1	1	15	109	61					185
5.0-5.9			13	6	6	37					62
6.0-6.9				3		5					8
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	602	754	859	500	380	224	85	5	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 8.5 NO. OF CASES= 3004.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	17										17
1.0-1.9	95	59	6	1	1						162
2.0-2.9	23	42	3	1	1	1					71
3.0-3.9			5	11	8		3				27
4.0-4.9		1	1	8	3						13
5.0-5.9						1					1
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	135	102	15	21	13	2	3	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 6.8 NO. OF CASES= 173.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	15	5	5	3	1						29
2.0-2.9	13	23	15	1	1	3					56
3.0-3.9		17	1	20		3	1				42
4.0-4.9		1		5	3						9
5.0-5.9						1					1
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	28	46	21	29	5	7	1	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 8.0 NO. OF CASES= 66.

STATION 14 56.05N 138.14W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	20	6		1							27
2.0-2.9	20	8	1		1	1					31
3.0-3.9			8	8	3		1				20
4.0-4.9		3	3		3	5					14
5.0-5.9			1								1
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	40	17	13	9	7	6	1	0	0	0	

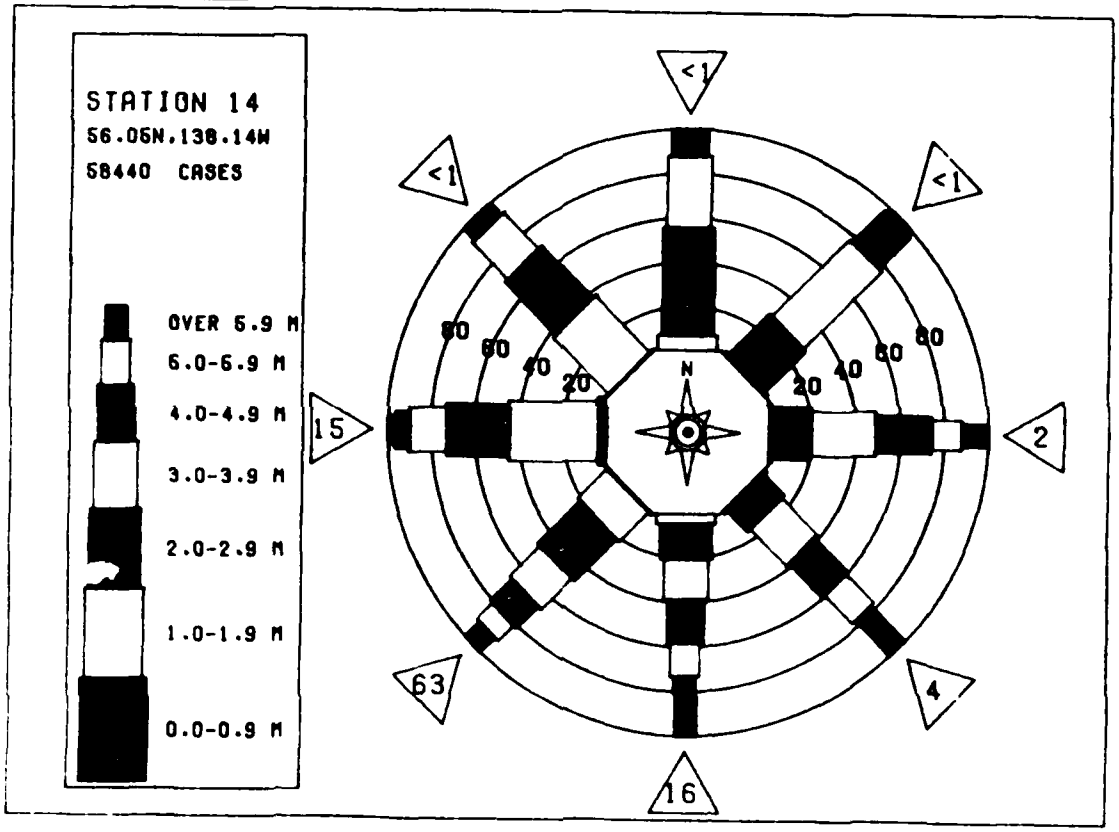
MEAN HS(M) = 2.8 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.6 NO. OF CASES= 61.

STATION 14 56.05N 138.14W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0. -0.9	46	36	26	1	1	.	.	.	.	.	110
1.0-1.9	169	615	901	136	52	12	.	.	.	.	1885
2.0-2.9	75	304	871	798	339	83	15	.	.	.	2485
3.0-3.9	.	262	189	369	773	301	54	.	.	.	1948
4.0-4.9	.	66	206	96	347	599	106	5	.	.	1425
5.0-5.9	.	4	119	90	136	420	222	5	.	.	996
6.0-6.9	.	.	23	60	91	179	232	6	.	.	591
7.0-7.9	.	.	1	18	60	75	135	15	.	.	304
8.0-8.9	.	.	.	2	18	44	51	21	.	.	136
9.0-9.9	.	.	.	.	3	17	20	10	.	.	50
10.0+	.	.	.	.	.	4	12	2	.	.	18
TOTAL	290	1287	2336	1590	1820	1734	845	64	0	0	10966

MEAN HS(M)= 3.6 LARGEST HS(M)= 13.7 MEAN TP(SEC)= 10.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 14 (56.05N 138.14W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	5.1	4.1	3.9	3.3	2.9	2.3	1.5	2.3	2.4	3.6	5.5	5.6	3.5
1957	3.6	3.8	4.1	3.0	2.4	2.1	1.4	1.4	2.8	3.4	5.0	4.7	3.1
1958	6.5	4.9	3.1	3.7	2.6	2.0	2.1	2.1	2.4	3.8	4.7	5.7	3.6
1959	5.4	4.4	4.7	3.0	2.5	1.8	1.8	1.9	2.6	4.2	5.1	6.1	3.6
1960	5.1	5.3	3.9	3.0	2.3	2.2	1.7	2.0	2.2	4.1	5.0	5.6	3.6
1961	5.8	5.0	4.1	2.8	2.3	2.1	1.9	1.9	2.5	4.2	4.7	4.3	3.5
1962	5.1	3.5	3.0	3.0	2.1	1.7	1.3	2.0	2.5	4.1	5.8	5.4	3.3
1963	5.0	5.3	3.4	2.2	2.1	2.4	1.6	1.1	2.7	4.3	4.9	6.2	3.5
1964	6.4	5.6	3.8	3.4	2.2	2.0	2.1	2.0	2.4	3.6	4.6	4.9	3.6
1965	5.4	4.5	3.9	3.1	2.7	2.7	1.8	1.5	2.1	4.8	4.6	4.9	3.5
1966	5.8	4.2	4.1	2.9	2.7	1.9	1.9	2.3	2.4	4.0	3.9	5.2	3.5
1967	5.9	5.3	3.5	2.5	2.3	1.8	1.4	2.0	2.7	4.1	4.3	5.4	3.5
1968	4.5	5.6	4.3	3.8	1.9	1.9	1.8	1.9	2.9	4.2	5.9	5.0	3.6
1969	3.8	4.7	4.0	3.9	2.5	2.4	1.9	1.8	2.6	4.3	5.6	7.2	3.7
1970	5.3	6.2	5.3	3.8	2.7	2.3	2.4	2.1	2.5	3.4	4.1	5.0	3.8
1971	5.2	5.3	4.6	3.7	3.0	2.4	1.3	2.1	2.6	3.9	4.5	4.5	3.6
1972	5.8	5.2	4.4	3.1	2.5	2.3	1.7	2.2	2.5	3.9	5.4	5.1	3.7
1973	5.4	5.3	4.8	3.5	3.3	2.6	2.5	2.0	2.8	4.1	4.0	6.0	3.8
1974	5.1	5.3	4.2	4.1	3.1	2.5	1.7	1.7	2.6	5.4	5.5	6.3	3.9
1975	5.3	5.1	3.5	2.5	2.3	1.9	2.0	1.8	1.9	3.5	4.5	4.9	3.3
MEAN	5.3	4.9	4.0	3.2	2.5	2.2	1.8	1.9	2.6	4.0	4.8	5.4	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 14 (56.05N 138.14W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	9.1	6.8	6.4	4.9	4.4	3.4	2.1	4.0	4.3	6.4	8.9	10.2
1957	6.2	8.0	6.7	5.9	5.0	3.5	2.2	3.2	4.5	5.5	7.1	7.3
1958	10.6	7.9	6.5	7.0	4.3	3.3	3.2	3.2	3.9	6.1	11.4	9.1
1959	12.1	7.9	7.8	7.2	4.2	3.3	3.2	3.8	4.2	8.2	9.1	9.4
1960	13.7	10.2	6.1	4.8	3.3	3.2	2.6	3.9	3.9	8.7	8.6	10.5
1961	9.3	8.3	7.9	5.8	4.3	4.3	3.3	2.8	4.1	7.4	9.3	7.3
1962	10.0	7.0	4.2	5.3	3.5	3.1	2.2	3.2	5.4	9.6	9.6	8.9
1963	9.9	9.3	6.3	3.1	3.7	4.5	2.3	2.0	3.8	10.9	10.4	12.7
1964	12.1	8.7	6.9	6.7	3.3	3.4	2.9	3.1	4.0	7.1	7.9	9.1
1965	8.2	7.2	7.9	5.3	6.2	4.4	3.3	2.6	4.2	9.3	8.8	8.0
1966	9.8	6.9	7.3	4.8	4.1	3.2	3.5	3.6	6.0	6.7	7.3	8.5
1967	10.6	8.0	5.2	4.6	4.5	2.8	2.4	3.8	5.9	7.5	7.1	10.0
1968	8.9	8.6	8.0	6.0	3.4	3.0	2.6	3.8	6.4	10.2	10.1	9.3
1969	6.9	7.9	6.7	7.6	5.0	3.7	3.8	3.1	4.0	7.0	10.2	9.6
1970	8.9	10.4	8.5	6.5	4.8	4.2	4.6	3.1	4.6	6.8	9.5	9.1
1971	8.4	7.3	8.0	6.2	4.2	4.6	2.0	4.5	4.7	6.4	7.1	9.5
1972	10.1	8.7	7.3	5.2	4.2	3.8	3.8	3.8	5.2	9.9	11.8	12.4
1973	11.1	8.4	6.8	4.9	4.9	4.1	4.3	2.9	4.9	8.6	7.8	10.2
1974	8.9	8.1	6.9	6.0	5.6	5.0	3.0	3.1	4.4	9.8	10.6	12.4
1975	10.9	8.7	5.0	4.1	4.3	3.0	3.3	2.9	3.6	6.4	8.1	9.9

20 YR. STATISTICS FOR PACIFIC STATION 14 (56.05N 138.14W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.6
MEAN PEAK WAVE PERIOD (SECONDS)=	10.3
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	2.3
LARGEST HS(METRES)=	13.7
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	177.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	60013109

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	5	1	.	.	.	.	.	.	.	12
2.0-2.9	3	.	.	3	.	.	.	.	.	.	6
3.0-3.9	.	6	1	.	1	.	.	.	.	.	8
4.0-4.9	.	1	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	12	2	3	1	0	0	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 7.1 NO. OF CASES= 19.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	3	.	.	.	.	.	.	.	5
2.0-2.9	6	20	.	.	.	.	.	.	.	.	26
3.0-3.9	.	13	6	.	5	.	.	.	.	.	24
4.0-4.9	.	3	10	.	.	.	.	.	.	.	13
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	37	19	0	5	0	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.3 NO. OF CASES= 43.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	2
2.0-2.9	15	71	6	.	8	.	.	.	.	.	10
3.0-3.9	.	70	5	.	.	.	.	.	.	.	75
4.0-4.9	.	1	13	.	.	.	.	.	.	.	14
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16	143	24	0	8	0	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 7.1 NO. OF CASES= 115.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	3	1	1	.	.	.	.	.	.	15
2.0-2.9	18	114	17	3	.	.	.	.	.	.	152
3.0-3.9	.	200	25	3	.	.	.	.	.	.	228
4.0-4.9	.	41	92	10	.	1	.	.	.	.	144
5.0-5.9	.	.	75	20	3	.	.	.	.	.	98
6.0-6.9	.	.	10	29	1	.	.	.	.	.	40
7.0-7.9	.	.	.	15	18	.	.	.	.	.	33
8.0-8.9	.	.	.	3	10	.	.	.	.	.	13
9.0-9.9	.	.	.	.	1	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	28	358	220	84	33	1	0	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 9.6 MEAN TP(SEC)= 8.0 NO. OF CASES= 430.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	5	13	8	1							27
2.0-2.9	34	118	27	6							185
3.0-3.9		325	85	15	1						426
4.0-4.9		95	253	41	10	3					402
5.0-5.9		5	236	58	39	3					341
6.0-6.9			71	232	17	3					323
7.0-7.9				82	85	5					172
8.0-8.9				13	90						103
9.0-9.9					32						32
10.0+					1	6					7
TOTAL	39	556	680	448	274	21	0	0	0	0	

MEAN HS(M) = 5.1 LARGEST HS(M)= 11.0 MEAN TP(SEC)= 8.8 NO. OF CASES= 1188.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	10	8	13								31
2.0-2.9	59	135	46	15	6	6					267
3.0-3.9		287	59	13	6						365
4.0-4.9		94	234	39	19	15					397
5.0-5.9		10	292	68	54	10					434
6.0-6.9			71	171	27	1	1				271
7.0-7.9			10	83	41	11	1				146
8.0-8.9			1	8	46	1					56
9.0-9.9					5	5					10
10.0+					1	3					4
TOTAL	69	534	726	397	201	52	2	0	0	0	

MEAN HS(M) = 4.8 LARGEST HS(M)= 11.6 MEAN TP(SEC)= 8.7 NO. OF CASES= 1170.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9		3									3
1.0-1.9	8	23	6								37
2.0-2.9	58	236	46	70	23	3					436
3.0-3.9		417	68	39	135	53	6				719
4.0-4.9		169	366	54	73	8	6				676
5.0-5.9		20	362	104	44	32	10				572
6.0-6.9			100	155	27	23	20				325
7.0-7.9			10	68	75	20	15				188
8.0-8.9				15	51	5					71
9.0-9.9				1	20	5	1				27
10.0+					6	13	1				20
TOTAL	66	868	958	506	455	162	59	0	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 11.6 MEAN TP(SEC)= 9.0 NO. OF CASES= 1811.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9		11									11
1.0-1.9	23	44	80	3	3						153
2.0-2.9	133	347	135	95	133	18	3				864
3.0-3.9		314	90	184	212	150	1				951
4.0-4.9		167	292	97	222	225	8				1011
5.0-5.9		18	290	116	90	179	53				746
6.0-6.9			63	189	102	159	100				613
7.0-7.9			5	59	102	53	41				260
8.0-8.9				8	63	41	30				142
9.0-9.9				1	13	30	13				57
10.0+					1	1	11	1			14
TOTAL	156	901	955	752	941	856	260	1	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 12.0 MEAN TP(SEC)= 9.9 NO. OF CASES= 3336.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	8	25									33
1.0-1.9	85	176	405	30	3						699
2.0-2.9	232	443	648	462	121	11					1917
3.0-3.9	3	569	263	364	752	203	3				2162
4.0-4.9		219	506	136	480	552	51				1944
5.0-5.9		10	321	196	258	540	256	3			1584
6.0-6.9			47	198	191	338	303	15			1092
7.0-7.9			6	34	167	169	265	22			663
8.0-8.9				6	32	140	118	23			319
9.0-9.9					3	47	42	11			103
10.0+				1		11	34	15			61
TOTAL	328	1442	2196	1427	2007	2016	1077	89	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 12.0 MEAN TP(SEC)= 10.3 NO. OF CASES= 6203.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	114	71	1								186
1.0-1.9	248	1149	1546	164	5	3	8				3123
2.0-2.9	205	670	1861	1830	503	32	8				5109
3.0-3.9		657	451	1038	2128	588	39				4901
4.0-4.9		78	443	183	951	2039	550	1			4245
5.0-5.9		5	172	169	329	1637	727	10			3049
6.0-6.9			30	94	135	398	983	6			1646
7.0-7.9			1	15	152	164	693	85			1110
8.0-8.9				1	27	60	181	70			339
9.0-9.9						10	53	35			98
10.0+						3	11	13			27
TOTAL	567	2630	4505	3494	4260	4964	2923	220	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 10.6 NO. OF CASES= 13786.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	270	292	123								685
1.0-1.9	569	3208	4755	713	157	39	15				9456
2.0-2.9	290	896	3732	4216	2316	193	6				11639
3.0-3.9	1	350	297	1079	3516	1781	162				7186
4.0-4.9		37	183	114	876	2719	551				4480
5.0-5.9			66	51	130	1086	1322	10			2665
6.0-6.9			8	39	39	152	781	82			1101
7.0-7.9				10	34	29	311	207			591
8.0-8.9						1	47	61			109
9.0-9.9							8	3			11
10.0+							3				3
TOTAL	1130	4773	9164	6222	7068	6000	3216	363	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 10.0 MEAN TP(SEC)= 10.1 NO. OF CASES= 20184.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	325	385	39	3							752
1.0-1.9	465	2104	3292	311	23	29					6224
2.0-2.9	165	620	1232	1712	742	124	3				4598
3.0-3.9		124	53	263	860	612	37				1949
4.0-4.9		8	15	25	106	438	78				670
5.0-5.9			20	6		71	143	1			241
6.0-6.9			1		5	13	75				94
7.0-7.9					1		22	20			43
8.0-8.9								10			10
9.0-9.9							1	1			2
10.0+											0
TOTAL	955	2841	4652	2320	1737	1287	359	32	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 9.5 MEAN TP(SEC)= 9.1 NO. OF CASES= 8302.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	25	1	.	.	.	1	.	.	.	.	26
1.0-1.9	94	63	25	.	.	.	.	.	.	.	183
2.0-2.9	20	59	51	8	15	.	.	.	.	.	153
3.0-3.9	.	3	5	23	3	.	.	.	.	.	34
4.0-4.9	.	.	3	.	8	.	.	.	.	.	11
5.0-5.9	.	.	3	6	.	.	.	.	.	.	9
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	139	126	87	37	26	1	0	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 7.2 NO. OF CASES= 249.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	35	10	3	.	.	.	.	.	.	.	48
2.0-2.9	13	1	11	3	5	.	.	.	.	.	33
3.0-3.9	.	6	3	3	.	.	.	.	.	.	12
4.0-4.9	.	.	.	.	1	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	53	17	17	6	6	0	0	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 6.7 NO. OF CASES= 62.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	13	5	1	.	.	.	.	.	.	.	19
2.0-2.9	6	.	6	1	.	.	.	.	.	.	13
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	.	.	3	.	.	.	.	.	3
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	19	8	7	1	3	0	0	0	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 6.8 NO. OF CASES= 25.

STATION 15 58.53N 140.57W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	.	1	.	.	.	.	.	.	.	11
2.0-2.9	6	.	.	3	.	.	.	.	.	.	9
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16	3	1	3	0	0	0	0	0	0	

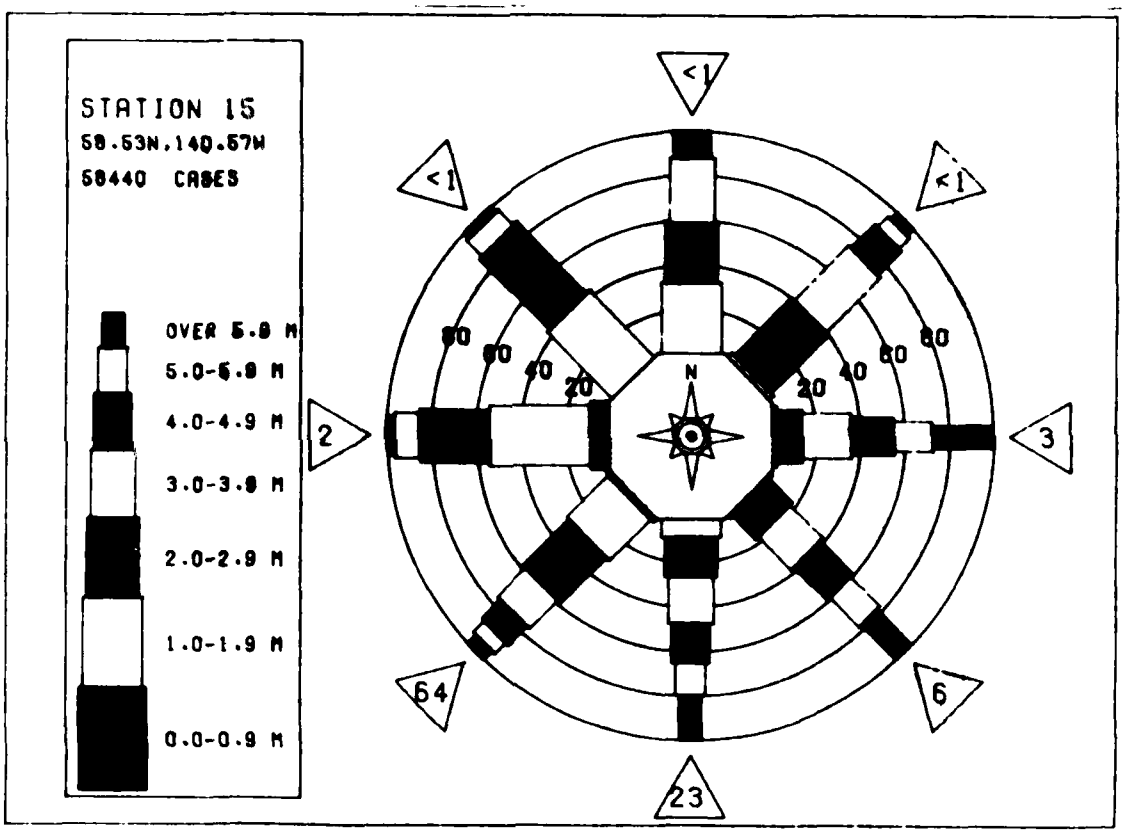
MEAN HS(M) = 2.1 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.3 NO. OF CASES= 15.

STATION 15 58.53N 140.57W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	74	79	16	.	.	.	.	.	.	.	169
1.0-1.9	159	662	1014	122	19	7	2	.	.	.	2005
2.0-2.9	127	332	782	843	387	39	2	.	.	.	2512
3.0-3.9	.	335	141	303	762	339	25	.	.	.	1905
4.0-4.9	.	91	241	70	274	600	92	.	.	.	1368
5.0-5.9	.	7	184	79	98	356	251	2	.	.	977
6.0-6.9	.	.	40	111	54	109	227	10	.	.	551
7.0-7.9	.	.	3	36	67	45	155	33	.	.	339
8.0-8.9	.	.	.	5	32	28	37	15	.	.	118
9.0-9.9	.	.	.	.	7	9	12	5	.	.	33
10.0+	.	.	.	.	1	4	6	3	.	.	14
TOTAL	360	1526	2421	1569	1701	1536	759	69	0	0	

MEAN HS(M)= 3.5 LARGEST HS(M)= 12.0 MEAN TP(SEC)= 10.0 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 15 (58.53N 140.57W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	5.1	4.1	3.6	3.2	3.0	2.1	1.4	2.2	2.3	3.2	5.4	5.4	3.4
1957	3.6	3.6	3.8	2.8	2.2	1.9	1.4	1.4	2.8	3.3	5.0	4.5	3.0
1958	6.3	2.9	2.8	3.2	2.5	2.0	2.2	2.0	2.2	3.6	4.4	5.4	3.5
1959	5.5	4.1	4.4	2.8	2.3	1.7	1.8	1.8	2.6	4.1	4.9	5.8	3.5
1960	4.8	5.2	3.9	2.7	2.1	2.2	1.6	2.0	2.2	3.8	4.9	5.3	3.4
1961	5.4	4.6	3.8	2.5	2.1	1.7	1.9	2.0	2.5	3.7	4.5	4.2	3.3
1962	5.0	3.2	2.8	2.8	1.9	1.6	1.3	2.0	2.4	3.9	5.3	5.0	3.1
1963	4.8	5.0	3.3	2.2	2.0	2.3	1.6	1.2	2.5	4.2	4.7	5.9	3.3
1964	6.1	5.7	3.5	3.1	2.3	1.8	1.9	2.0	2.4	3.4	4.6	4.8	3.5
1965	5.3	4.4	4.1	3.1	2.9	2.8	1.8	1.6	2.3	4.5	3.9	4.8	3.4
1966	5.9	4.1	3.8	2.8	2.5	1.8	1.8	2.4	3.4	3.7	3.6	5.1	3.4
1967	5.5	5.0	3.1	2.3	2.1	1.8	1.4	2.1	3.6	3.9	4.3	5.3	3.4
1968	4.5	5.5	4.1	3.6	1.9	1.7	1.7	1.9	2.8	3.9	5.7	5.2	3.5
1969	3.9	4.7	4.1	3.7	2.5	2.3	1.8	1.6	2.7	4.3	5.4	6.9	3.7
1970	5.4	5.9	5.3	3.7	2.5	2.4	2.3	2.1	2.5	3.3	5.8	5.1	3.7
1971	5.3	5.2	4.4	3.7	3.1	2.4	1.4	2.1	2.5	3.8	4.4	4.5	3.6
1972	5.8	5.7	4.5	3.0	2.5	2.4	1.5	2.3	2.8	3.9	5.4	5.3	3.8
1973	5.3	5.5	4.7	3.3	3.1	2.4	2.5	2.0	2.8	3.9	4.4	6.0	3.8
1974	5.5	5.4	4.3	4.0	2.9	2.3	1.7	1.6	2.8	5.2	5.3	5.8	3.9
1975	5.3	5.4	3.4	2.7	2.2	1.8	1.9	1.8	2.0	3.4	4.2	5.3	3.3
MEAN	5.2	4.9	3.9	3.1	2.4	2.1	1.7	1.9	2.6	3.9	4.7	5.3	

LARGEST HS(METRES) BY MONTH AND YEAR

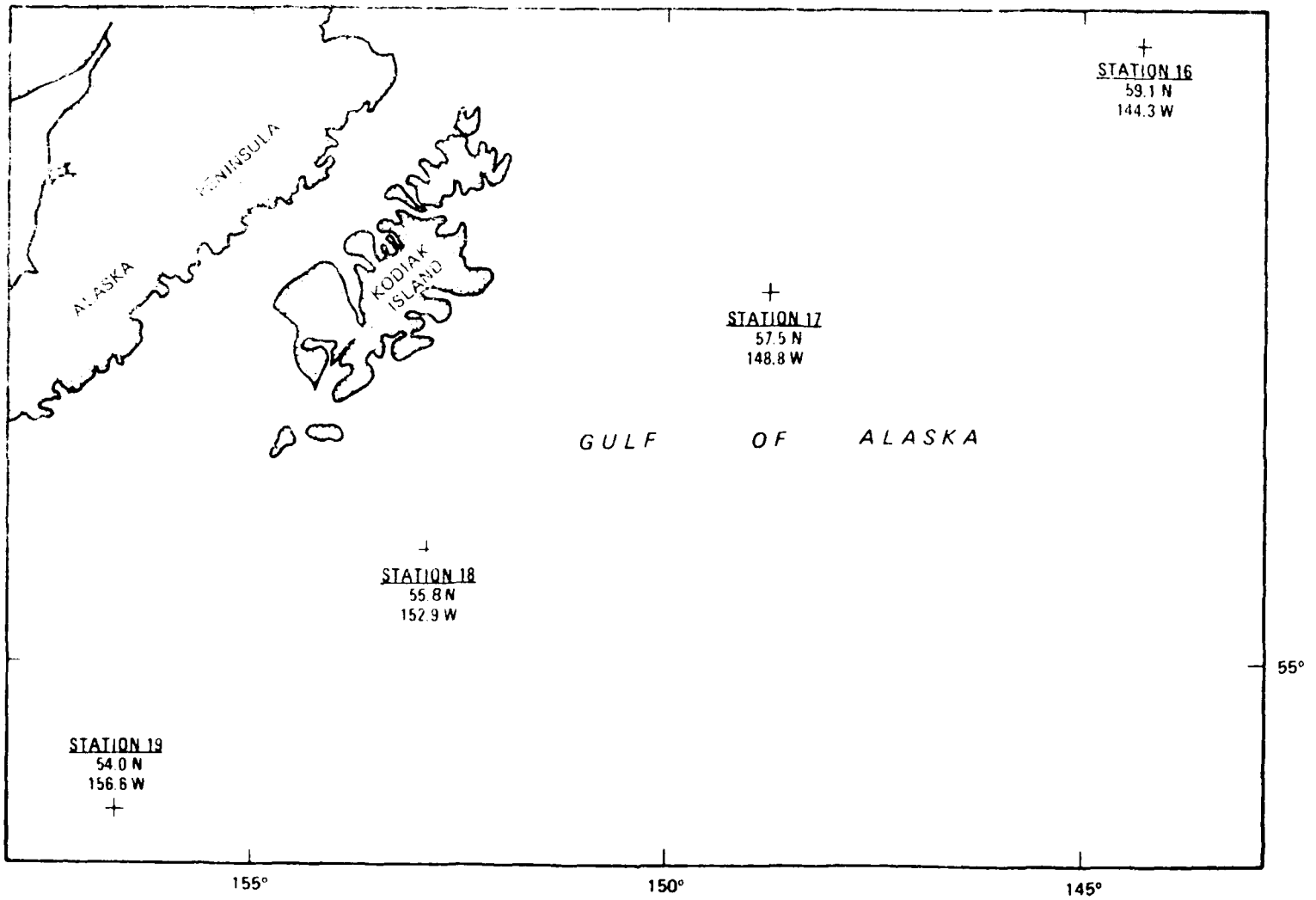
WIS STATION 15 (58.53N 140.57W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.3	7.7	6.5	4.8	4.2	3.2	2.4	3.8	4.7	6.3	8.5	9.5
1957	7.2	6.5	6.3	5.3	4.7	3.4	2.2	3.6	4.0	6.4	7.5	6.9
1958	10.8	8.4	6.5	6.6	3.9	3.5	3.4	3.0	3.6	5.6	9.6	9.1
1959	11.5	7.4	7.5	6.3	4.0	3.0	4.4	3.7	5.6	8.0	9.5	9.0
1960	12.0	11.0	6.6	4.7	3.3	3.3	2.4	3.2	4.5	8.1	8.5	10.2
1961	9.0	7.8	7.5	5.5	4.4	4.0	3.5	3.6	4.9	6.7	8.1	7.8
1962	10.2	6.5	4.3	5.4	3.1	3.0	2.5	3.2	4.6	10.0	9.0	9.1
1963	7.7	8.1	5.9	3.2	4.0	4.4	2.9	2.4	3.7	9.4	9.5	10.6
1964	10.5	9.1	6.2	6.0	4.1	2.7	3.1	3.2	4.4	6.6	8.3	8.4
1965	8.2	6.3	7.4	4.9	7.6	4.6	3.1	2.8	4.0	8.0	8.0	9.5
1966	11.6	7.4	7.4	5.2	3.9	2.9	3.3	3.8	6.7	6.8	7.7	8.1
1967	8.9	7.9	5.1	4.3	3.6	2.8	2.5	3.8	5.9	6.9	7.2	10.2
1968	8.6	8.8	6.8	5.6	4.2	3.1	2.5	3.5	7.8	9.4	9.3	9.6
1969	6.7	6.8	7.8	6.8	5.2	3.6	3.2	2.7	4.9	7.7	9.6	9.7
1970	8.9	9.0	7.7	5.7	4.3	3.6	3.6	3.7	4.8	6.9	9.1	9.8
1971	9.4	7.7	8.4	7.1	4.8	5.1	3.2	4.2	4.6	7.2	8.1	10.0
1972	9.7	9.3	8.7	5.3	4.1	3.8	3.5	3.6	5.4	8.7	11.8	11.6
1973	10.2	8.1	7.8	4.6	4.4	4.0	4.4	3.2	4.9	7.9	8.2	10.4
1974	10.9	8.1	9.0	6.1	5.7	4.0	2.9	3.0	5.3	9.2	10.9	11.7
1975	11.6	8.6	5.0	4.7	3.8	3.0	3.5	2.5	3.2	5.8	7.0	10.4

20 YR. STATISTICS FOR PACIFIC STATION 15 (58.53N 140.57W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.5
MEAN PEAK WAVE PERIOD (SECONDS)=	10.1
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	2.3
LARGEST HS(METRES)=	12.0
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	172.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	60013115


STATION 16
59.1 N
144.3 W
ALASKA
PENINSULA
KODIAK
ISLAND
STATION 17
57.5 N
148.8 W
GULF OF ALASKA
STATION 18
55.8 N
152.9 W
55°
STATION 19
54.0 N
156.6 W
155°
150°
145°

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	17	18	.	1	.	.	.	.	.	.	36
2.0-2.9	.	15	1	1	.	.	.	.	.	.	17
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	3	.	.	.	.	.	.	.	3
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17	34	5	2	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 6.8 NO. OF CASES= 37.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	3	1	.	.	.	.	.	.	.	4
1.0-1.9	8	53	.	.	.	.	.	.	.	.	61
2.0-2.9	.	56	20	.	.	.	.	.	.	.	76
3.0-3.9	.	11	25	.	.	.	.	.	.	.	36
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	123	47	0	0	0	0	0	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 7.2 NO. OF CASES= 107.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3	8	8	.	.	.	.	.	.	.	19
1.0-1.9	22	88	.	1	.	.	.	.	.	.	111
2.0-2.9	.	63	5	.	1	.	.	.	.	.	69
3.0-3.9	.	5	32	.	.	.	.	.	.	.	37
4.0-4.9	.	.	8	6	.	.	.	.	.	.	14
5.0-5.9	.	.	.	5	.	.	.	.	.	.	5
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	25	164	53	12	1	0	0	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 7.2 NO. OF CASES= 153.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	8	11	.	.	.	.	.	.	.	.	19
1.0-1.9	29	106	15	.	.	.	.	.	.	.	150
2.0-2.9	1	135	65	6	.	.	.	.	.	.	207
3.0-3.9	.	18	150	11	.	.	.	.	.	.	179
4.0-4.9	.	.	68	29	1	.	.	.	.	.	98
5.0-5.9	.	.	5	71	.	.	.	.	.	.	76
6.0-6.9	.	.	.	22	8	.	.	.	.	.	30
7.0-7.9	.	.	.	.	1	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	3	.	.	.	.	3
9.0-9.9	.	.	.	.	.	1	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	38	270	303	139	10	4	0	0	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 10.8 MEAN TP(SEC)= 8.2 NO. OF CASES= 453.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	37	.	.	.	.	.	.	.	.	48
2.0-2.9	54	165	37	18	.	3	.	.	.	.	277
3.0-3.9	.	318	106	15	.	.	.	.	.	.	439
4.0-4.9	.	41	468	29	10	.	.	.	.	.	548
5.0-5.9	.	.	261	232	15	3	.	.	.	.	511
6.0-6.9	.	.	27	342	78	17	.	.	.	.	464
7.0-7.9	.	.	.	61	191	20	.	.	.	.	272
8.0-8.9	.	.	.	1	193	68	3	.	.	.	265
9.0-9.9	.	.	.	.	20	94	1	.	.	.	115
10.0+	.	.	.	.	.	70	18	.	.	.	88
TOTAL	65	561	899	698	507	275	22	0	0	0	

MEAN HS(M) = 5.6 LARGEST HS(M)= 13.6 MEAN TP(SEC)= 9.4 NO. OF CASES= 1779.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	3	.	.	.	.	.	.	.	.	3
1.0-1.9	11	23	3	5	.	.	.	.	.	.	42
2.0-2.9	58	301	73	32	30	13	.	.	.	.	507
3.0-3.9	.	441	107	53	29	10	.	.	.	.	640
4.0-4.9	.	80	595	51	29	3	.	.	.	.	759
5.0-5.9	.	3	354	196	29	8	.	.	.	.	590
6.0-6.9	.	.	56	289	78	17	3	.	.	.	443
7.0-7.9	.	.	.	59	205	11	3	.	.	.	278
8.0-8.9	.	.	.	3	82	41	3	.	.	.	129
9.0-9.9	.	.	.	.	11	56	.	.	.	.	67
10.0+	.	.	.	.	.	29	11	.	.	.	40
TOTAL	69	851	1188	688	493	188	20	0	0	0	

MEAN HS(M) = 4.9 LARGEST HS(M)= 13.1 MEAN TP(SEC)= 9.0 NO. OF CASES= 2055.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	10	.	.	.	.	.	.	.	.	10
1.0-1.9	27	34	34	.	3	.	.	.	.	.	98
2.0-2.9	106	402	143	73	65	15	.	.	.	.	804
3.0-3.9	.	446	124	95	90	44	.	.	.	.	799
4.0-4.9	.	119	396	78	106	102	15	.	.	.	816
5.0-5.9	.	6	376	143	66	65	39	.	.	.	695
6.0-6.9	.	.	59	253	119	54	13	.	.	.	498
7.0-7.9	.	.	1	61	184	41	10	.	.	.	297
8.0-8.9	.	.	.	3	65	54	5	.	.	.	127
9.0-9.9	.	.	.	.	11	63	1	.	.	.	75
10.0+	.	.	.	.	1	17	22	.	.	.	40
TOTAL	133	1017	1133	706	710	455	105	0	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 12.5 MEAN TP(SEC)= 9.3 NO. OF CASES= 2503.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	6	.	.	.	.	.	.	.	.	6
1.0-1.9	44	145	179	15	17	1	.	.	.	.	401
2.0-2.9	162	451	419	220	116	41	.	.	1	.	1410
3.0-3.9	.	523	195	326	342	231	5	.	.	.	1622
4.0-4.9	.	164	405	95	254	331	42	.	.	.	1291
5.0-5.9	.	8	321	172	136	229	102	.	.	.	968
6.0-6.9	.	.	47	168	147	118	102	10	.	.	612
7.0-7.9	.	.	6	53	162	71	106	13	.	.	411
8.0-8.9	.	.	.	6	56	78	61	5	.	.	206
9.0-9.9	.	.	.	1	3	35	15	6	.	.	60
10.0+	.	.	.	.	.	8	13	5	.	.	26
TOTAL	206	1297	1572	1076	1233	1143	446	39	1	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 11.8 MEAN TP(SEC)= 9.9 NO. OF CASES= 4116.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	6	95	5	.	.	.	.	.	.	.	106
1.0-1.9	97	781	877	70	27	.	.	.	.	.	1852
2.0-2.9	172	515	1064	944	319	34	.	1	3	.	3052
3.0-3.9	.	691	417	627	1036	436	13	.	.	.	3220
4.0-4.9	.	131	417	177	734	985	116	1	.	.	2761
5.0-5.9	.	6	292	179	266	983	484	6	.	.	2416
6.0-6.9	.	.	47	78	213	415	559	15	.	.	1327
7.0-7.9	.	.	1	25	116	164	426	35	.	.	767
8.0-8.9	.	.	.	1	23	109	142	58	.	.	333
9.0-9.9	.	.	.	.	5	27	42	25	.	.	99
10.0+	.	.	.	.	.	8	13	18	.	.	39
TOTAL	275	2219	3120	2101	2739	3161	1795	159	3	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 10.9 MEAN TP(SEC)= 10.4 NO. OF CASES= 9121.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	239	213	73	.	.	.	.	.	.	.	525
1.0-1.9	246	2294	2655	393	80	1	10	.	.	.	5679
2.0-2.9	183	605	2835	2546	770	88	18	5	.	.	7050
3.0-3.9	.	342	386	1341	2316	896	73	.	.	.	5354
4.0-4.9	.	58	195	114	994	2356	350	1	.	.	4068
5.0-5.9	.	.	66	44	191	1225	865	1	.	.	2393
6.0-6.9	.	.	13	80	99	265	728	18	.	.	1203
7.0-7.9	.	.	.	8	49	83	331	46	.	.	517
8.0-8.9	.	.	.	.	.	6	61	29	.	.	96
9.0-9.9	.	.	.	.	.	6	3	5	.	.	14
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	668	3512	6223	4526	4499	4916	2439	105	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 9.4 MEAN TP(SEC)= 10.2 NO. OF CASES= 15730.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	417	436	172	18	1	.	.	.	.	.	1044
1.0-1.9	626	3081	5468	864	196	17	.	.	.	.	10652
2.0-2.9	253	646	2775	3566	2270	319	13	11	.	.	9853
3.0-3.9	.	239	147	545	2626	1719	114	.	.	.	5390
4.0-4.9	.	11	80	35	422	1923	545	.	.	.	3016
5.0-5.9	.	.	46	10	35	465	864	20	.	.	1440
6.0-6.9	.	.	3	3	15	39	385	88	.	.	533
7.0-7.9	.	.	.	3	8	1	124	92	.	.	228
8.0-8.9	.	.	.	.	3	.	17	34	.	.	54
9.0-9.9	.	.	.	.	.	.	5	5	.	.	10
10.0+	.	.	.	.	.	.	.	3	.	.	3
TOTAL	1296	4413	8691	5044	5576	4482	2067	253	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 10.0 MEAN TP(SEC)= 9.9 NO. OF CASES= 19613.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	112	301	41	5	.	.	.	.	.	.	459
1.0-1.9	242	1021	1283	261	23	15	.	.	.	.	2845
2.0-2.9	97	147	441	703	374	20	.	.	.	.	1782
3.0-3.9	.	56	65	135	275	200	1	.	.	.	732
4.0-4.9	.	.	3	8	32	49	23	.	.	.	115
5.0-5.9	.	.	1	10	6	11	41	.	.	.	69
6.0-6.9	.	.	.	.	.	.	8	.	.	.	8
7.0-7.9	.	.	.	.	.	.	1	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	451	1525	1834	1122	710	295	74	0	0	0	

MEAN HS(M) = 2.0 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 8.8 NO. OF CASES= 3523.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3	5	3	.	.	1	.	.	.	.	11
1.0-1.9	22	13	8	.	.	1	.	.	.	.	44
2.0-2.9	17	17	23	32	8	1	.	.	.	.	98
3.0-3.9	.	23	18	11	10	.	.	.	.	.	62
4.0-4.9	.	3	.	.	8	.	.	.	.	.	11
5.0-5.9	.	.	1	.	.	3	.	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	42	61	53	43	26	5	0	0	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 8.2 NO. OF CASES= 141.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	.	1	.	.	.	.	.	.	.	6
1.0-1.9	13	3	5	.	.	.	.	.	.	.	21
2.0-2.9	6	5	5	3	.	1	.	.	.	.	20
3.0-3.9	.	10	5	.	3	.	.	.	.	.	18
4.0-4.9	.	1	1	.	1	.	.	.	.	.	3
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	24	19	17	3	4	1	0	0	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.3 NO. OF CASES= 44.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	11	5	1	.	.	.	.	.	.	.	17
2.0-2.9	18	1	.	1	.	.	.	.	.	.	20
3.0-3.9	.	11	.	.	.	.	.	.	.	.	11
4.0-4.9	.	.	1	.	3	.	.	.	.	.	4
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	29	17	2	1	3	0	0	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 6.5 NO. OF CASES= 34.

STATION 16 59.05N 144.30W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

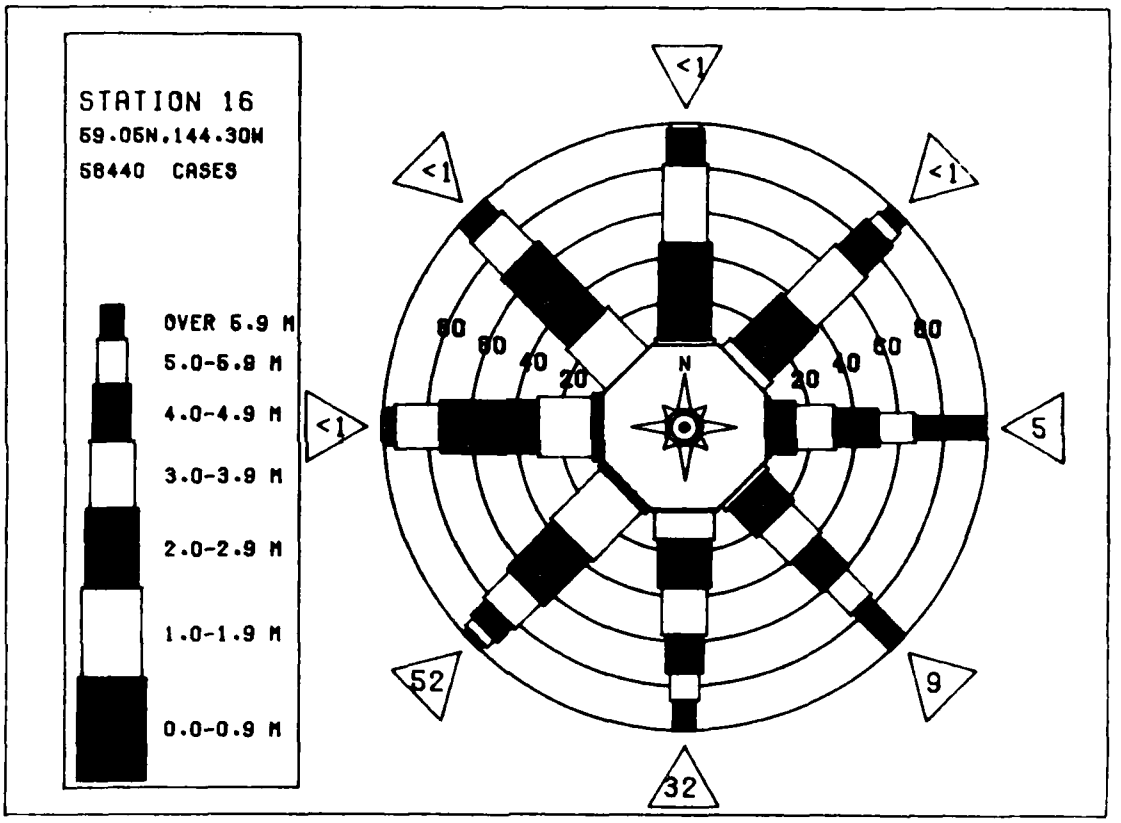
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	15	8	.	3	1	.	.	.	.	.	27
3.0-3.9	.	8	3	1	.	.	.	.	.	.	12
4.0-4.9	.	1	5	.	.	.	.	.	.	.	6
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	18	17	8	4	1	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 7.0 NO. OF CASES= 31.

STATION 16 59.05N 144.30W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	78	107	29	2	.	.	.	.	.	.	216
1.0-1.9	137	746	1053	161	34	3	1	.	.	.	2135
2.0-2.9	122	353	783	815	395	53	3	1	.	.	2525
3.0-3.9	.	338	167	316	673	352	20	.	.	.	1866
4.0-4.9	.	65	278	60	259	575	109	.	.	.	1346
5.0-5.9	.	2	180	102	75	299	239	2	.	.	899
6.0-6.9	.	.	26	131	75	92	180	13	.	.	517
7.0-7.9	.	.	1	29	92	39	100	18	.	.	279
8.0-8.9	.	.	.	1	42	35	29	12	.	.	119
9.0-9.9	.	.	.	.	5	28	7	4	.	.	44
10.0+	.	.	.	.	.	13	8	2	.	.	23
TOTAL	337	1611	2517	1617	1650	1489	696	52	0	0	

MEAN HS(M)= 3.4 LARGEST HS(M)= 13.6 MEAN TP(SEC)= 9.9 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 16 (59.05N 144.30W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	5.1	4.1	3.6	3.3	3.1	2.0	1.5	2.2	2.2	3.0	5.2	5.3	3.4
1957	3.7	3.5	3.7	2.7	2.2	1.8	1.3	1.5	2.8	3.3	5.1	4.2	3.0
1958	6.1	4.9	2.8	3.0	2.5	2.1	2.3	1.9	2.2	3.5	4.3	5.2	3.4
1959	5.6	4.0	4.2	2.8	2.3	1.6	1.8	1.8	2.5	4.0	4.9	5.4	3.4
1960	4.7	5.0	3.6	2.6	2.0	2.1	1.6	2.0	2.2	3.7	4.6	5.3	3.3
1961	5.3	4.4	3.6	2.5	2.0	1.7	1.8	2.0	2.5	3.5	4.5	4.0	3.2
1962	5.0	3.1	2.6	2.7	1.9	1.6	1.2	1.9	2.4	3.7	5.1	4.9	3.0
1963	4.8	5.0	3.3	2.2	2.0	2.3	1.5	1.4	2.5	4.0	4.6	5.9	3.3
1964	5.9	5.6	3.3	2.9	2.2	1.8	1.8	2.1	2.4	3.3	4.7	4.5	3.4
1965	5.3	4.3	4.1	3.0	2.7	2.6	1.7	1.7	2.3	4.2	4.0	4.6	3.4
1966	6.0	4.0	3.6	2.8	2.3	1.7	1.8	2.4	3.3	3.5	3.5	4.9	3.3
1967	5.3	4.8	3.0	2.3	2.1	1.7	1.3	2.1	3.5	3.7	4.3	5.2	3.3
1968	4.5	5.5	3.9	3.4	1.8	1.6	1.8	1.9	2.6	3.7	5.5	5.1	3.4
1969	3.9	4.7	4.0	3.4	2.4	2.4	1.6	1.4	2.6	4.3	5.3	6.9	3.6
1970	5.4	5.6	5.1	3.6	2.3	2.4	2.2	2.1	2.4	3.2	3.6	5.2	3.6
1971	5.5	5.0	4.2	3.5	3.2	2.4	1.3	2.1	2.4	3.6	4.4	4.4	3.5
1972	5.9	6.2	4.6	2.9	2.4	2.4	1.4	2.2	2.8	4.0	5.3	5.3	3.8
1973	5.3	5.3	4.6	3.2	3.1	2.1	2.4	1.9	2.6	3.8	4.7	6.2	3.8
1974	5.9	5.5	4.5	3.8	2.8	2.2	1.7	1.7	2.8	5.0	5.1	5.4	3.8
1975	5.3	5.5	3.3	2.5	2.2	1.8	1.8	1.6	1.9	3.3	4.3	5.4	3.2
MEAN	5.2	4.8	3.8	3.0	2.4	2.0	1.7	1.9	2.5	3.7	4.6	5.2	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 16 (59.05N 144.30W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.3	7.3	6.0	6.0	4.5	3.5	3.2	4.1	4.9	5.5	9.3	9.0
1957	7.2	6.8	6.1	5.4	4.7	3.4	2.3	3.3	4.3	6.7	7.2	6.3
1958	10.7	8.3	6.8	6.0	3.6	3.9	3.4	3.1	4.2	5.4	7.6	8.2
1959	12.5	7.4	7.0	6.5	3.8	2.7	4.0	3.8	7.3	8.5	9.3	10.5
1960	11.8	10.6	7.5	3.9	3.0	3.5	2.6	3.0	4.1	8.5	8.5	10.9
1961	9.4	7.9	7.4	5.1	4.8	4.3	3.2	2.9	5.1	6.9	8.3	8.4
1962	9.6	6.5	4.5	5.5	3.6	2.8	2.6	3.4	4.9	9.7	8.2	8.4
1963	7.0	9.0	6.6	3.2	3.8	4.4	2.7	2.6	3.7	9.8	9.4	10.0
1964	10.5	9.4	5.8	5.7	4.0	2.9	3.2	3.7	4.4	6.6	9.4	9.5
1965	10.1	6.3	7.6	5.1	6.7	4.3	3.0	2.9	3.6	8.5	8.2	8.3
1966	10.2	7.5	7.1	5.4	3.2	2.7	3.1	4.6	6.7	6.3	8.4	7.7
1967	9.2	7.4	5.1	4.5	3.6	2.8	2.4	3.6	6.3	7.2	7.0	10.8
1968	9.2	8.6	7.0	5.3	4.2	2.5	2.6	3.4	7.7	7.9	9.9	10.8
1969	6.4	7.5	7.6	6.1	4.8	3.5	2.7	2.7	5.9	8.0	8.9	9.7
1970	9.9	8.6	7.3	5.6	4.3	4.2	3.1	3.7	4.9	7.3	9.2	12.3
1971	10.0	8.0	9.0	7.1	5.2	5.9	2.8	3.8	4.2	7.4	8.4	10.0
1972	10.8	10.9	9.6	5.2	4.5	3.8	3.0	3.2	5.4	6.8	10.9	13.6
1973	9.1	9.7	8.4	4.8	4.8	3.5	3.9	3.3	4.2	7.6	8.8	10.5
1974	13.1	10.1	11.9	6.0	5.4	3.8	3.0	3.1	5.3	9.9	10.1	8.7
1975	13.4	9.4	4.8	4.6	4.3	2.9	3.0	2.5	3.0	6.0	8.0	9.2

20 YR. STATISTICS FOR PACIFIC STATION 16 (59.05N 144.30W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.4
MEAN PEAK WAVE PERIOD (SECONDS)=	10.0
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	2.3
LARGEST HS(METRES)=	13.6
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	66.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	72121609

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	23	.	.	.	.	.	.	.	.	24
2.0-2.9	15	80	15	.	.	.	.	.	.	.	110
3.0-3.9	.	68	23	5	.	.	.	.	.	.	96
4.0-4.9	.	11	53	.	.	.	.	.	.	.	64
5.0-5.9	.	.	11	3	1	.	.	.	.	.	15
6.0-6.9	.	.	1	5	.	.	.	.	.	.	6
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16	182	103	13	1	0	0	0	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 7.5 NO. OF CASES= 109.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	20	1	.	.	.	.	.	.	.	21
2.0-2.9	27	80	25	1	.	.	.	.	.	.	133
3.0-3.9	.	66	27	.	.	.	.	.	.	.	93
4.0-4.9	.	8	56	3	.	.	.	.	.	.	67
5.0-5.9	.	.	27	11	6	.	.	.	.	.	44
6.0-6.9	.	.	.	18	5	.	.	.	.	.	23
7.0-7.9	.	.	.	1	1	.	.	.	.	.	2
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	27	174	136	34	12	0	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 7.8 NO. OF CASES= 230.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	18	23	8	.	.	.	.	.	.	.	49
2.0-2.9	25	82	56	6	1	.	.	.	.	.	170
3.0-3.9	.	114	95	25	.	.	.	.	.	.	234
4.0-4.9	.	8	75	18	8	.	.	.	.	.	109
5.0-5.9	.	.	22	29	17	6	.	.	.	.	74
6.0-6.9	.	.	.	15	8	10	.	.	.	.	33
7.0-7.9	.	.	.	.	5	.	.	.	.	.	5
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	43	227	256	93	40	16	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 8.1 MEAN TP(SEC)= 8.3 NO. OF CASES= 402.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	46	1	1	.	.	17	.	.	.	68
2.0-2.9	20	99	179	13	1	.	.	.	3	.	315
3.0-3.9	.	71	128	164	25	.	.	.	.	.	388
4.0-4.9	.	10	75	55	174	8	.	.	.	.	322
5.0-5.9	.	.	30	71	83	82	.	.	.	.	266
6.0-6.9	.	.	.	23	59	58	.	.	.	.	140
7.0-7.9	.	.	.	.	20	25	8	.	.	.	53
8.0-8.9	.	.	.	.	1	1	10	.	.	.	12
9.0-9.9	.	.	.	.	1	3	.	.	.	.	4
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	23	226	413	367	364	177	35	0	3	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 9.8 NO. OF CASES= 951.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9		6									6
1.0-1.9	13	37	6								56
2.0-2.9	54	99	275	37	8	1			3		477
3.0-3.9		83	128	147	41	3					402
4.0-4.9		23	160	102	165	3	1				454
5.0-5.9			53	92	88	78					311
6.0-6.9			1	49	65	58	3				176
7.0-7.9				3	54	13	17				87
8.0-8.9					13	5	3				21
9.0-9.9						10	5				15
10.0+						1					1
TOTAL	67	248	623	430	434	172	29	0	3	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 9.6 NO. OF CASES= 1185.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9		10									10
1.0-1.9	29	59	20	1							109
2.0-2.9	56	159	212	46	34	10	1				518
3.0-3.9		119	92	138	88	29	1				467
4.0-4.9		22	152	111	246	75					606
5.0-5.9			102	49	53	92	20				316
6.0-6.9			5	53	59	42	27				186
7.0-7.9				3	59	17	5	8			92
8.0-8.9					11	42	3				56
9.0-9.9					3	15					18
10.0+						5	8				13
TOTAL	85	369	583	401	553	327	65	8	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 11.5 MEAN TP(SEC)= 9.7 NO. OF CASES= 1409.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	18	73	68	6	3	1					169
2.0-2.9	53	217	371	164	54	18	5				882
3.0-3.9		234	162	155	241	95	1				888
4.0-4.9		37	198	111	215	231	10				802
5.0-5.9		1	152	70	119	177	65				584
6.0-6.9			17	68	95	66	87				333
7.0-7.9				18	80	53	58	1			210
8.0-8.9					11	66	30	1			108
9.0-9.9						20	6	1			27
10.0+						3	13				16
TOTAL	71	562	968	592	818	730	275	3	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 10.1 NO. OF CASES= 2364.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	23									28
1.0-1.9	46	237	359	34	23						699
2.0-2.9	88	304	634	398	183	53	3				1663
3.0-3.9	1	316	280	458	542	157		1			1755
4.0-4.9		92	374	97	374	343	35				1315
5.0-5.9			148	159	219	290	145				961
6.0-6.9			18	124	167	189	224				722
7.0-7.9				18	107	63	172	8			368
8.0-8.9					22	109	99	25			245
9.0-9.9						37	27	11			75
10.0+						5	22	8			35
TOTAL	140	972	1813	1288	1637	1243	720	53	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 11.5 MEAN TP(SEC)= 10.3 NO. OF CASES= 4614.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	140	63	18	.	.	.	.	.	.	.	221
1.0-1.9	143	1100	1011	68	58	.	.	.	.	.	2380
2.0-2.9	157	691	1623	927	349	70	10	.	.	.	3827
3.0-3.9	1	651	641	898	1321	491	61	3	.	.	4057
4.0-4.9	.	82	446	196	905	1279	208	.	.	.	3116
5.0-5.9	.	1	203	177	289	1103	496	.	.	.	2269
6.0-6.9	.	.	23	112	207	467	626	17	.	.	1452
7.0-7.9	.	.	.	6	116	181	376	37	.	.	716
8.0-8.9	.	.	.	1	27	65	121	30	.	.	244
9.0-9.9	.	.	.	.	.	37	32	23	.	.	92
10.0+	.	.	.	.	.	8	18	13	.	.	39
TOTAL	441	2588	3965	2385	3272	3721	1948	123	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 11.4 MEAN TP(SEC)= 10.3 NO. OF CASES= 10795.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	162	304	87	.	.	.	.	.	.	.	553
1.0-1.9	308	2551	2647	272	8	.	1	.	.	.	5787
2.0-2.9	174	865	2699	2416	674	106	6	.	.	.	7137
3.0-3.9	3	504	463	1153	2166	723	30	10	.	.	5052
4.0-4.9	.	87	342	164	1095	2024	285	1	.	.	3998
5.0-5.9	.	5	114	107	217	1083	805	3	.	.	2334
6.0-6.9	.	.	10	119	126	294	650	32	.	.	1243
7.0-7.9	.	.	.	5	61	78	244	70	.	.	458
8.0-8.9	.	.	.	.	18	20	65	29	.	.	132
9.0-9.9	.	.	.	.	.	10	6	6	.	.	22
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	647	4316	6359	4236	4567	4338	2102	151	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 10.0 NO. OF CASES= 15628.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	338	542	116	17	.	.	.	.	.	.	1013
1.0-1.9	494	3102	4306	704	133	3	8	.	.	.	8750
2.0-2.9	174	600	2660	2938	1697	203	.	.	.	.	8272
3.0-3.9	1	220	321	684	2443	1598	59	.	.	.	5326
4.0-4.9	.	17	102	68	513	1774	357	1	.	.	2832
5.0-5.9	.	.	58	37	119	544	648	10	.	.	1416
6.0-6.9	.	.	1	13	15	94	374	61	.	.	558
7.0-7.9	.	.	.	.	17	15	152	75	.	.	259
8.0-8.9	.	.	.	.	5	6	32	22	.	.	65
9.0-9.9	.	.	.	.	.	.	6	8	.	.	14
10.0+	.	.	.	.	.	.	5	1	.	.	6
TOTAL	1007	4481	7564	4461	4942	4035	1641	178	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 9.8 NO. OF CASES= 16560.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	49	188	30	3	.	.	.	.	.	.	270
1.0-1.9	145	556	679	58	.	20	.	.	.	.	1458
2.0-2.9	66	219	681	646	150	20	.	.	.	.	1782
3.0-3.9	.	128	95	263	376	155	3	.	.	.	1020
4.0-4.9	.	13	39	54	100	83	45	.	.	.	340
5.0-5.9	.	.	20	15	18	37	54	.	.	.	144
6.0-6.9	.	.	.	1	3	18	6	.	.	.	28
7.0-7.9	.	.	.	.	.	8	8	.	.	.	16
8.0-8.9	.	.	.	.	.	1	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	260	1104	1544	1040	647	347	117	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 9.1 NO. OF CASES= 2969.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	17	1	.	.	.	.	.	.	.	.	18
1.0-1.9	41	15	27	.	.	3	.	.	.	.	86
2.0-2.9	54	112	118	46	8	1	.	.	.	.	339
3.0-3.9	1	124	87	61	32	1	.	.	.	.	306
4.0-4.9	.	17	63	25	46	13	.	.	.	.	164
5.0-5.9	.	.	22	13	22	13	6	.	.	.	76
6.0-6.9	.	.	.	.	5	.	5	.	.	.	10
7.0-7.9	.	.	.	.	.	.	5	.	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	113	269	317	145	113	31	16	0	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 7.6 MEAN TP(SEC)= 8.5 NO. OF CASES= 595.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	22	17	.	.	.	.	.	.	.	.	39
2.0-2.9	30	56	20	8	5	1	.	.	.	.	120
3.0-3.9	.	49	30	3	15	.	.	.	.	.	97
4.0-4.9	.	17	42	1	3	.	.	.	.	.	63
5.0-5.9	.	1	23	5	3	6	1	.	.	.	39
6.0-6.9	.	.	.	1	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	57	140	115	18	26	7	1	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 7.7 NO. OF CASES= 220.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	8	1	.	1	.	.	.	.	.	20
2.0-2.9	22	53	5	5	3	.	.	.	.	.	88
3.0-3.9	.	47	23	1	.	.	.	.	.	.	71
4.0-4.9	.	6	29	.	.	.	.	.	.	.	35
5.0-5.9	.	.	44	5	.	.	.	.	.	.	49
6.0-6.9	.	.	1	6	.	.	.	.	.	.	7
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	32	114	103	17	4	0	0	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 7.6 NO. OF CASES= 163.

STATION 17 57.50N 148.78W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	6	5	.	5	.	.	.	.	.	21
2.0-2.9	17	44	10	6	5	.	.	.	.	.	82
3.0-3.9	.	47	11	3	.	.	.	.	.	.	61
4.0-4.9	.	6	35	6	.	.	.	.	.	.	47
5.0-5.9	.	.	18	20	.	.	.	.	.	.	38
6.0-6.9	.	.	.	23	.	1	.	.	.	.	24
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22	103	79	58	10	1	0	0	0	0	

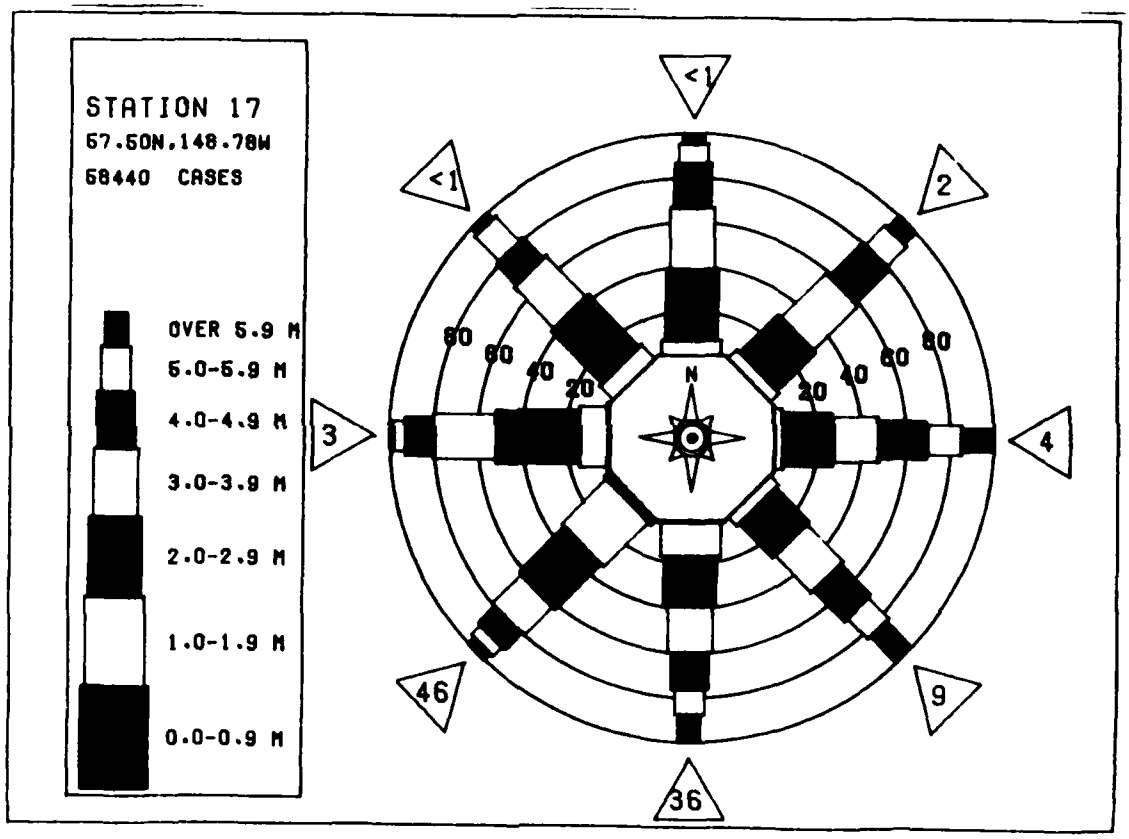
MEAN HS(M) = 3.7 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 8.1 NO. OF CASES= 166.

STATION 17 57.50N 148.78W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	71	114	25	2	.	.	.	.	.	.	212
1.0-1.9	130	788	914	114	23	2	2	.	.	.	1973
2.0-2.9	104	376	958	766	337	48	2	.	.	.	2591
3.0-3.9	1	285	261	416	729	305	15	1	.	.	2013
4.0-4.9	.	46	224	105	385	584	94	.	.	.	1438
5.0-5.9	.	1	105	87	126	351	224	1	.	.	895
6.0-6.9	.	.	8	63	82	130	201	11	.	.	495
7.0-7.9	.	.	.	5	52	45	104	20	.	.	226
8.0-8.9	.	.	.	.	11	33	35	10	.	.	89
9.0-9.9	.	.	.	.	.	13	8	5	.	.	26
10.0+	.	.	.	.	.	2	6	2	.	.	10
TOTAL	306	1610	2495	1558	1745	1513	691	50	0	0	

MEAN HS(M)= 3.4 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 9.9 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 17 (57.50N 148.78W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	4.6	4.3	3.6	3.5	3.4	2.1	1.5	2.3	2.4	3.0	5.2	5.0	3.4
1957	3.9	3.6	3.9	2.8	2.2	1.9	1.4	1.6	3.1	3.4	5.1	3.9	3.1
1958	5.8	4.5	3.0	3.1	2.7	2.5	2.5	1.9	2.4	3.4	4.2	5.0	3.4
1959	5.2	4.1	4.1	3.0	2.4	1.7	1.8	1.9	2.8	4.0	4.9	5.1	3.4
1960	4.7	4.9	3.3	2.6	2.2	2.2	1.6	2.2	2.3	3.7	4.7	5.6	3.3
1961	5.3	4.2	3.5	2.6	2.2	1.6	1.9	2.0	2.7	3.7	4.6	4.1	3.2
1962	5.0	3.3	2.8	2.8	2.1	1.7	1.2	2.0	2.4	3.7	5.0	4.8	3.1
1963	5.2	4.8	3.6	2.3	2.0	2.5	1.5	1.6	2.4	3.8	4.2	5.7	3.3
1964	5.5	5.9	3.4	2.9	2.3	1.9	1.9	2.2	2.5	3.3	4.5	4.5	3.4
1965	4.7	4.3	4.4	2.8	2.9	2.7	1.8	1.8	2.6	4.0	3.5	4.4	3.3
1966	5.5	3.9	3.6	2.9	2.3	1.8	1.9	2.5	3.3	3.6	3.4	4.8	3.3
1967	5.0	4.8	3.0	2.9	2.3	1.9	1.4	2.2	3.6	3.5	4.5	5.0	3.3
1968	4.1	5.2	3.8	3.5	1.8	1.6	1.9	2.0	2.6	3.4	5.2	4.3	3.3
1969	3.5	4.6	4.1	3.3	2.4	2.6	1.7	1.5	2.7	4.3	4.8	6.7	3.5
1970	4.6	5.7	5.2	3.8	2.3	2.5	2.2	2.1	2.6	3.2	3.7	4.6	3.5
1971	4.8	5.0	4.3	3.5	3.3	2.5	1.4	2.1	2.3	3.7	4.2	4.5	3.5
1972	5.4	5.2	4.2	3.0	2.7	2.4	1.5	2.3	2.9	4.2	5.2	4.8	3.6
1973	5.0	4.8	4.7	3.4	3.3	2.1	2.5	2.0	2.7	3.6	4.0	5.5	3.6
1974	4.8	4.9	4.3	4.0	2.8	2.3	1.7	1.9	2.8	5.0	4.8	5.1	3.7
1975	4.7	4.6	3.3	2.6	2.6	1.9	1.9	1.7	2.0	3.2	3.7	4.7	3.1
MEAN	4.9	4.6	3.8	3.1	2.5	2.1	1.8	2.0	2.7	3.7	4.5	4.9	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 17 (57.50N 148.78W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	6.8	7.8	6.5	7.5	4.8	3.8	3.2	4.6	5.6	5.0	10.5	8.2
1957	8.5	7.9	6.7	5.8	5.3	3.7	2.4	3.3	5.3	6.7	7.6	5.9
1958	9.5	7.1	7.5	6.2	4.2	5.8	3.6	3.7	5.4	6.4	7.8	7.7
1959	11.7	7.4	7.4	7.1	3.9	3.7	3.8	4.1	9.4	8.2	8.1	11.1
1960	11.0	9.9	6.9	5.6	3.4	5.7	2.9	3.6	4.5	7.5	8.7	11.5
1961	9.7	7.3	7.0	5.0	4.9	4.3	3.2	2.9	6.3	6.7	8.6	9.0
1962	9.7	6.6	5.4	6.9	4.5	3.3	3.1	3.6	5.1	9.1	8.8	8.6
1963	7.3	8.4	6.8	3.5	3.9	4.8	3.0	3.4	5.1	9.3	8.9	11.1
1964	9.9	10.2	5.5	6.4	5.3	2.8	3.0	4.2	4.8	7.7	8.1	8.2
1965	7.9	7.4	9.1	4.7	7.2	5.0	2.9	3.1	3.9	7.6	7.4	8.7
1966	8.6	7.3	7.5	5.5	3.9	2.9	3.5	5.7	7.2	6.6	8.3	7.9
1967	9.5	7.6	5.5	5.8	4.4	3.1	2.4	3.4	7.4	6.6	8.2	10.5
1968	8.7	8.8	7.0	5.5	4.6	2.6	2.9	3.7	9.1	7.1	8.2	7.4
1969	6.0	7.2	8.6	6.2	4.8	4.3	3.0	3.0	4.6	8.0	9.4	9.7
1970	8.0	8.0	7.3	6.7	4.1	4.5	3.6	3.9	5.6	6.3	9.1	8.9
1971	9.4	7.7	10.5	7.7	5.7	7.0	2.6	3.6	3.9	7.4	9.0	10.4
1972	7.9	7.6	7.2	6.2	5.8	4.1	2.8	3.5	5.0	6.9	10.2	10.1
1973	9.3	8.1	9.1	5.3	5.0	3.6	3.9	3.6	4.7	7.0	8.9	10.1
1974	8.2	7.3	7.6	6.5	5.6	4.2	2.9	3.8	4.6	8.4	10.1	8.4
1975	9.6	9.0	5.2	5.2	5.2	3.2	3.1	3.1	3.7	6.0	8.2	9.4

20 YR. STATISTICS FOR PACIFIC STATION 17 (57.50N 148.78W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.4
MEAN PEAK WAVE PERIOD (SECONDS)=	10.0
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.7
STANDARD DEVIATION OF TP(SECONDS)=	2.3
LARGEST HS(METRES)=	11.7
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	127.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	59011606

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	18	22	1	.	.	.	1	.	.	.	42
2.0-2.9	41	160	37	1	3	1	.	.	.	.	243
3.0-3.9	.	145	23	6	10	.	.	.	.	.	184
4.0-4.9	.	18	88	10	6	3	.	.	.	.	125
5.0-5.9	.	.	35	10	10	1	.	.	.	.	56
6.0-6.9	.	.	1	3	5	.	.	.	.	.	9
7.0-7.9	.	.	.	.	6	.	.	.	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	59	345	185	30	40	5	1	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 7.8 NO. OF CASES= 398.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	27	6	.	.	.	5	.	.	.	48
2.0-2.9	25	114	42	5	1	.	.	.	.	.	187
3.0-3.9	.	104	49	32	1	1	.	.	.	.	187
4.0-4.9	.	13	90	29	15	1	.	.	.	.	148
5.0-5.9	.	.	22	11	11	8	1	.	.	.	53
6.0-6.9	.	.	1	8	3	1	.	.	.	.	13
7.0-7.9	.	.	.	1	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	35	258	210	86	31	11	6	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 8.2 NO. OF CASES= 382.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	1	.	.	.	.	.	.	.	.	1
1.0-1.9	5	42	25	.	.	.	.	.	.	.	72
2.0-2.9	17	70	102	41	.	.	.	.	.	.	230
3.0-3.9	.	94	65	130	100	3	1	.	.	.	393
4.0-4.9	.	20	51	11	118	30	.	.	.	.	230
5.0-5.9	.	.	27	23	25	77	.	.	.	.	152
6.0-6.9	.	.	1	6	17	20	1	.	.	.	45
7.0-7.9	.	.	.	1	15	6	3	.	.	.	25
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22	227	271	212	276	136	5	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 8.0 MEAN TP(SEC)= 9.5 NO. OF CASES= 681.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	1	.	.	.	.	.	.	.	.	1
1.0-1.9	6	34	3	.	.	.	.	.	.	.	43
2.0-2.9	30	70	154	68	8	.	1	.	.	.	331
3.0-3.9	.	56	73	155	165	13	.	.	.	.	462
4.0-4.9	.	10	71	87	128	100	.	.	.	.	396
5.0-5.9	.	.	22	65	27	85	11	.	.	.	170
6.0-6.9	.	.	1	18	22	27	15	1	.	.	84
7.0-7.9	.	.	.	.	3	5	25	.	.	.	33
8.0-8.9	.	.	.	.	5	5	.	.	.	.	10
9.0-9.9	.	.	.	.	1	5	.	.	.	.	6
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	36	171	324	293	359	240	52	1	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 10.0 NO. OF CASES= 874.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	1										1
1.0-1.9	1	25	1	1							28
2.0-2.9	10	138	145	29	3		3				328
3.0-3.9		92	63	159	100	29					443
4.0-4.9		11	106	30	128	75	1				351
5.0-5.9			27	34	42	106	18				227
6.0-6.9			1	15	23	30	18	5			92
7.0-7.9				6	22	6	3				37
8.0-8.9					5	17					22
9.0-9.9						13					13
10.0+											0
TOTAL	12	266	343	274	323	276	43	5	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 9.6 MEAN TP(SEC)= 9.9 NO. OF CASES= 913.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	3										3
1.0-1.9	3	37	34	3							77
2.0-2.9	32	150	164	58	22	3	3				432
3.0-3.9		130	118	100	147	20					515
4.0-4.9		13	88	41	213	109	10				474
5.0-5.9			77	46	35	104	34				296
6.0-6.9			5	39	41	65	30	5			185
7.0-7.9				11	42	27	17				97
8.0-8.9					6	20	6				32
9.0-9.9						10	3				13
10.0+						1	17				18
TOTAL	38	330	486	298	506	359	120	5	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 11.5 MEAN TP(SEC)= 10.1 NO. OF CASES= 1263.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	1	8									9
1.0-1.9	30	87	133	18							268
2.0-2.9	71	258	530	167	46	17					1089
3.0-3.9	1	234	133	268	254	112	1				1003
4.0-4.9		47	301	97	205	248	6				904
5.0-5.9			100	37	75	162	58				432
6.0-6.9			5	44	51	95	66				261
7.0-7.9				6	56	54	71	1			188
8.0-8.9					15	56	59	8			138
9.0-9.9					1	6	13				20
10.0+						1	3				4
TOTAL	103	634	1202	637	703	751	277	9	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 9.9 NO. OF CASES= 2539.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	77	23	8								108
1.0-1.9	35	345	343	41	10						774
2.0-2.9	92	395	716	381	107	23	3				1717
3.0-3.9		364	343	420	345	185	8				1665
4.0-4.9		54	337	143	568	354	54				1556
5.0-5.9		3	139	114	215	402	176	10			1059
6.0-6.9			17	66	131	242	299	5			760
7.0-7.9				15	113	97	193	22			439
8.0-8.9					17	59	85	22			183
9.0-9.9						20	27	10			57
10.0+						6	33	10			47
TOTAL	204	1184	1902	1180	1335	1403	858	37	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.4 MEAN TP(SEC)= 10.2 NO. OF CASES= 4791.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	112	56	10	.	.	.	.	.	.	.	178
1.0-1.9	116	1081	800	88	8	.	10	.	.	.	2103
2.0-2.9	147	535	1656	1066	354	61	5	.	.	.	3824
3.0-3.9	.	609	513	1038	1240	436	51	.	.	.	3887
4.0-4.9	.	77	443	285	1052	1149	165	.	.	.	3171
5.0-5.9	.	6	177	167	373	1112	383	.	.	.	2218
6.0-6.9	.	.	20	83	188	492	548	6	.	.	1331
7.0-7.9	.	.	1	17	116	143	302	8	.	.	587
8.0-8.9	.	.	.	.	11	65	88	37	.	.	201
9.0-9.9	.	.	.	.	.	35	39	5	.	.	79
10.0+	.	.	.	.	.	5	22	11	.	.	38
TOTAL	375	2364	3620	2744	3342	3498	1607	67	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 12.3 MEAN TP(SEC)= 10.3 NO. OF CASES= 10312.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	196	201	83	.	.	.	.	.	.	.	48-
1.0-1.9	309	2311	1798	130	20	3	.	.	.	.	4571
2.0-2.9	177	783	2411	1740	566	87	8	.	.	.	5272
3.0-3.9	1	484	578	1355	2075	463	6	6	.	.	4968
4.0-4.9	.	54	249	253	1305	1613	174	1	.	.	3649
5.0-5.9	.	1	112	106	369	1230	556	5	.	.	2379
6.0-6.9	.	.	6	58	112	410	658	32	.	.	1276
7.0-7.9	.	.	.	5	39	97	342	61	.	.	544
8.0-8.9	.	.	.	.	11	58	82	29	.	.	180
9.0-9.9	.	.	.	.	.	6	35	5	.	.	46
10.0+	.	.	.	.	.	.	5	1	.	.	6
TOTAL	683	3834	5237	3647	4497	3967	1867	139	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 10.1 NO. OF CASES= 13968.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	287	299	92	6	.	.	.	.	.	.	684
1.0-1.9	400	3069	3218	403	83	51	.	.	.	.	7224
2.0-2.9	186	845	2636	2407	1153	169	30	.	.	.	7426
3.0-3.9	.	347	509	987	2205	1086	32	11	.	.	5177
4.0-4.9	.	41	169	176	835	1493	306	.	.	.	3020
5.0-5.9	.	1	53	71	183	600	532	1	.	.	1641
6.0-6.9	.	.	3	46	51	219	378	23	.	.	720
7.0-7.9	.	.	.	1	15	73	184	66	.	.	339
8.0-8.9	.	.	.	.	.	6	42	29	.	.	77
9.0-9.9	.	.	.	.	.	1	22	13	.	.	36
10.0+	.	.	.	.	.	.	10	1	.	.	11
TOTAL	873	4602	6680	4097	4525	3898	1535	144	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 10.6 MEAN TP(SEC)= 9.8 NO. OF CASES= 15419.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	20	107	15	10	.	.	.	.	.	.	152
1.0-1.9	265	574	395	68	5	10	.	.	.	.	1317
2.0-2.9	198	434	946	609	171	20	6	.	.	.	[illegible]
3.0-3.9	1	273	311	371	408	124	.	.	.	.	[illegible]
4.0-4.9	.	47	130	111	244	157	20	3	.	.	[illegible]
5.0-5.9	.	1	61	17	90	128	59	.	.	.	3[illegible]
6.0-6.9	.	.	5	10	11	34	34	1	.	.	[illegible]
7.0-7.9	.	.	1	3	1	13	15	1	.	.	34
8.0-8.9	.	.	.	3	1	.	1	.	.	.	5
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	484	1491	1864	1202	931	485	135	5	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 9.0 NO. OF CASES= 3571.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	6	8	5	1	.	.	.	.	.	.	20
1.0-1.9	95	104	41	8	.	1	.	.	.	.	249
2.0-2.9	126	494	215	92	32	3	5	.	.	.	967
3.0-3.9	.	297	128	109	97	17	.	.	.	.	648
4.0-4.9	.	94	196	22	77	29	3	.	.	.	421
5.0-5.9	.	3	87	20	35	20	3	.	.	.	168
6.0-6.9	.	.	18	47	6	5	5	.	.	.	81
7.0-7.9	.	.	.	13	1	6	.	.	.	.	20
8.0-8.9	.	.	.	.	3	.	.	.	.	.	3
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	227	1000	690	312	251	81	16	0	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 8.1 MEAN TP(SEC)= 8.2 NO. OF CASES= 1516.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	53	30	20	.	.	1	.	.	.	.	104
2.0-2.9	131	200	54	47	3	.	.	.	.	.	435
3.0-3.9	.	133	55	11	3	.	.	.	.	.	202
4.0-4.9	.	37	70	1	5	3	.	.	.	.	116
5.0-5.9	.	3	51	8	11	3	.	.	.	.	76
6.0-6.9	.	.	1	15	.	.	.	.	.	.	16
7.0-7.9	.	.	.	5	3	.	.	.	.	.	8
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	187	403	221	87	25	7	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 7.4 NO. OF CASES= 552.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	61	29	5	.	.	.	.	.	.	.	95
2.0-2.9	66	217	35	10	6	.	.	.	.	.	334
3.0-3.9	.	118	53	13	10	5	.	.	.	.	199
4.0-4.9	.	30	99	3	5	1	.	.	.	.	138
5.0-5.9	.	.	47	22	3	3	.	.	.	.	75
6.0-6.9	.	.	15	59	.	.	.	.	.	.	74
7.0-7.9	.	.	.	10	5	.	.	.	.	.	15
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	127	394	254	117	29	9	0	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 7.7 NO. OF CASES= 550.

STATION 18 55.79N 152.87W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

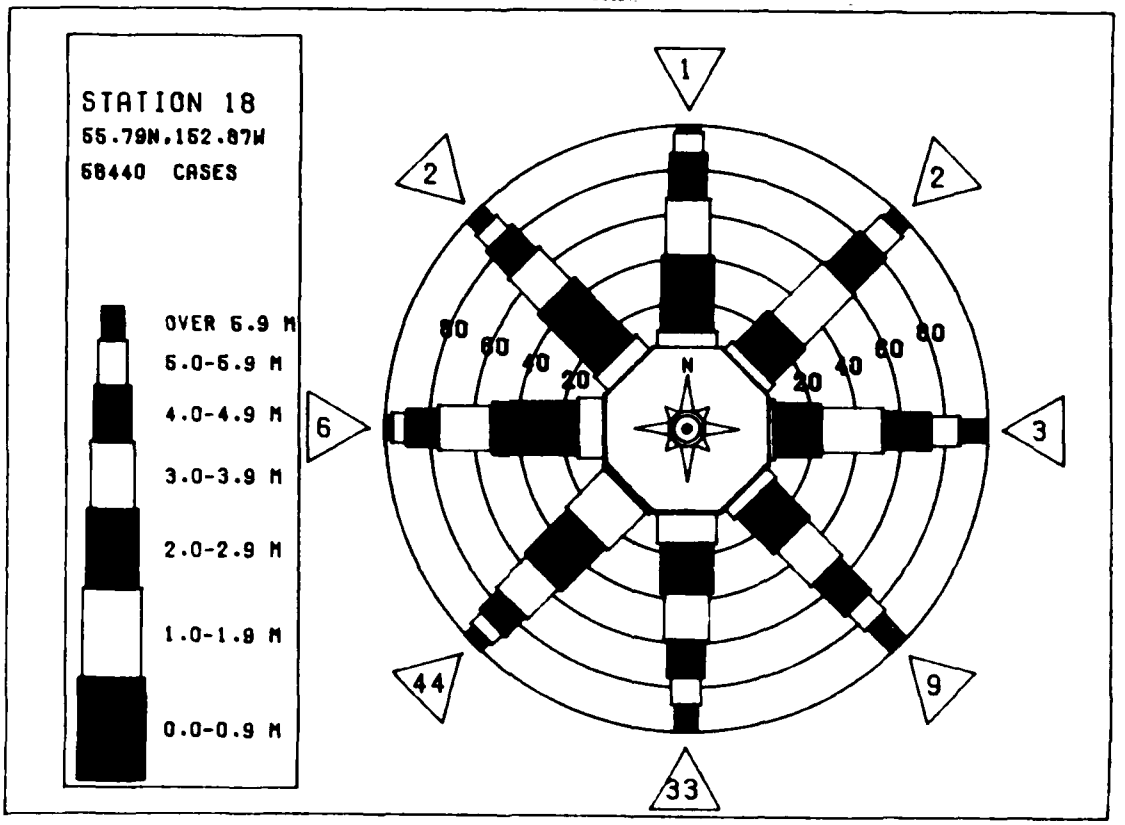
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	29	20	6	.	.	.	.	.	.	.	55
2.0-2.9	30	164	34	5	.	.	.	.	.	.	233
3.0-3.9	.	111	34	1	10	.	.	.	.	.	156
4.0-4.9	.	17	116	1	1	.	.	.	.	.	135
5.0-5.9	.	.	44	23	1	1	.	.	.	.	69
6.0-6.9	.	.	1	22	5	.	.	.	.	.	28
7.0-7.9	.	.	.	10	3	.	.	.	.	.	13
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	59	312	235	62	20	1	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 7.9 MEAN TP(SEC)= 7.7 NO. OF CASES= 409.

STATION 18 55.79N 152.87W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	71	71	21	1	.	.	.	.	.	.	164
1.0-1.9	144	784	683	76	12	6	1	.	.	.	1706
2.0-2.9	138	508	988	673	248	38	6	.	.	.	2599
3.0-3.9	.	360	302	516	718	251	10	1	.	.	2158
4.0-4.9	.	59	261	124	474	538	74	.	.	.	1530
5.0-5.9	.	2	108	74	151	424	183	1	.	.	943
6.0-6.9	.	.	10	54	67	164	205	8	.	.	506
7.0-7.9	.	.	.	11	44	53	116	16	.	.	240
8.0-8.9	.	.	.	.	8	28	36	12	.	.	84
9.0-9.9	.	.	.	.	.	10	14	3	.	.	27
10.0+						1	8	3			12
TOTAL	353	1784	2373	1529	1722	1513	653	44	0	0	

MEAN HS(M)= 3.5 LARGEST HS(M)= 13.4 MEAN TP(SEC)= 9.8 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 18 (55.79N 152.87W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	4.4	4.4	3.9	3.7	3.6	2.2	1.6	2.3	2.7	3.2	5.0	4.9	3.5
1957	4.3	3.8	4.0	3.0	2.3	2.1	1.5	1.7	3.2	3.6	5.2	4.2	3.5
1958	5.5	4.1	3.3	3.1	2.9	2.9	2.7	1.8	2.7	3.5	4.4	5.0	3.5
1959	5.2	4.2	4.1	3.2	2.5	1.8	1.8	2.0	3.0	4.1	4.9	4.9	3.5
1960	5.0	4.8	3.2	2.6	2.3	2.2	1.6	2.4	2.4	3.7	5.0	5.5	3.4
1961	5.3	4.1	3.6	2.8	2.3	1.6	1.9	2.2	2.8	3.8	4.8	4.5	3.3
1962	5.0	3.6	3.1	3.0	2.3	1.7	1.3	2.2	2.5	3.8	4.9	4.7	3.2
1963	5.7	4.7	4.0	2.6	2.3	2.6	1.6	1.8	2.5	3.8	4.1	5.5	3.4
1964	5.4	6.0	3.6	3.1	2.4	2.0	2.0	2.4	2.7	3.4	4.6	4.4	3.5
1965	4.5	4.5	4.8	2.9	3.1	2.8	2.0	2.0	3.0	3.9	3.5	4.5	3.5
1966	5.2	4.0	3.6	3.2	2.4	2.0	2.2	2.6	3.3	3.8	3.4	4.6	3.4
1967	4.9	4.9	3.1	3.2	2.6	2.1	1.5	2.3	3.5	3.5	4.8	5.0	3.4
1968	3.9	5.0	3.8	3.6	1.9	1.7	1.9	2.1	2.6	3.3	5.0	4.2	3.3
1969	3.6	4.8	4.3	3.3	2.6	2.9	1.9	1.8	2.8	4.2	4.7	6.6	3.6
1970	4.2	5.8	5.4	4.1	2.3	2.6	2.2	2.2	2.8	3.3	3.7	4.5	3.6
1971	4.6	5.0	4.4	3.4	3.3	2.6	1.6	2.3	2.4	3.8	4.4	4.7	3.6
1972	5.4	5.0	4.0	3.3	3.1	2.7	1.7	2.5	3.1	4.4	5.2	4.8	3.8
1973	5.1	4.8	5.0	3.6	3.4	2.3	2.6	2.2	3.0	3.9	4.1	5.3	3.8
1974	5.0	5.1	4.6	4.0	3.1	2.4	1.7	2.6	2.8	4.8	4.8	5.0	3.8
1975	4.7	4.4	3.5	2.9	2.8	2.1	2.0	1.8	2.2	3.3	3.7	4.7	3.2
MEAN	4.8	4.7	4.0	3.2	2.7	2.3	1.9	2.1	2.8	3.8	4.5	4.9	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 18 (55.79N 152.87W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	6.4	6.9	7.0	8.7	5.6	4.3	3.4	5.4	6.6	5.3	11.0	8.2
1957	8.5	8.0	7.3	6.3	5.8	4.2	5.7	4.5	5.6	7.4	8.5	6.5
1958	9.1	6.3	8.7	6.4	4.6	6.1	3.9	3.6	6.9	7.0	8.5	8.1
1959	11.5	7.3	7.2	7.1	4.4	3.0	3.1	4.6	10.8	7.3	7.7	9.6
1960	8.9	9.2	7.1	6.5	3.5	4.5	2.7	3.9	3.8	7.2	8.2	11.1
1961	9.5	6.3	6.9	5.5	5.0	4.5	3.5	3.2	5.5	7.1	9.0	7.8
1962	8.5	6.2	8.2	8.9	4.3	3.3	3.3	3.9	5.2	8.8	9.3	8.5
1963	8.0	8.1	7.8	4.9	3.6	5.1	3.0	4.7	5.1	8.6	7.9	12.2
1964	9.0	10.3	6.0	6.5	5.4	3.1	3.1	4.5	5.1	7.6	8.3	7.3
1965	8.0	8.6	9.3	5.1	6.7	5.5	3.3	3.7	5.1	8.0	8.1	9.3
1966	7.3	8.0	7.2	5.7	4.3	3.6	4.3	6.0	7.3	5.7	7.9	8.2
1967	9.0	8.0	6.3	7.1	5.6	3.3	3.1	4.0	7.3	6.6	7.9	9.4
1968	8.7	8.0	6.7	5.8	4.5	2.8	3.2	4.2	9.7	6.4	8.8	6.5
1969	6.3	7.6	9.1	6.6	5.3	5.3	3.2	3.3	5.0	7.6	8.5	9.5
1970	7.7	7.6	7.8	7.6	3.7	5.2	4.3	4.4	6.0	6.2	8.6	8.9
1971	9.3	8.1	12.3	6.6	6.7	7.0	2.8	4.4	4.2	7.1	10.4	10.6
1972	8.2	7.6	6.7	6.2	7.5	5.1	3.2	3.8	5.3	8.0	10.4	9.7
1973	9.1	9.1	9.9	6.3	5.5	3.9	4.1	3.8	5.3	7.9	9.9	13.4
1974	8.5	7.9	7.8	5.9	6.0	4.8	2.8	6.0	4.3	9.3	10.7	8.3
1975	7.8	8.5	5.7	5.7	6.5	3.4	4.2	3.6	4.4	6.9	6.9	9.6

20 YR. STATISTICS FOR PACIFIC STATION 18 (55.79N 152.87W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.5
MEAN PEAK WAVE PERIOD (SECONDS)=	9.9
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.7
STANDARD DEVIATION OF TP(SECONDS)=	2.3
LARGEST HS(METRES)=	13.4
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	157.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	73122612

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	1	8	10								19
2.0-2.9	17	106	8	13		1					145
3.0-3.9		130	56	47	18						251
4.0-4.9		18	126	25	22	6					197
5.0-5.9		3	27	35	1	15	1				82
6.0-6.9			11	37		3	1				52
7.0-7.9				13	13						26
8.0-8.9					8						8
9.0-9.9											0
10.0+											0
TOTAL	18	265	238	170	62	25	2	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 8.6 NO. OF CASES= 466.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3										3
1.0-1.9	18	6	15	1							40
2.0-2.9	11	85	32	30							158
3.0-3.9		54	44	46	29	3					176
4.0-4.9		13	71	1	49	20					154
5.0-5.9			35	6	10	41	3				95
6.0-6.9			3	17	10	13	6				49
7.0-7.9			1	5	3	5	3				17
8.0-8.9											0
9.0-9.9											0
10.0+						1					1
TOTAL	32	158	201	106	101	83	12	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 10.3 MEAN TP(SEC)= 9.1 NO. OF CASES= 416.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	6										6
1.0-1.9	10	5	5	5							25
2.0-2.9	17	77	56	49	5						204
3.0-3.9		92	39	44	121	6					302
4.0-4.9		13	77	15	71	82					258
5.0-5.9			51	6	13	70	1				141
6.0-6.9			3	13	8	6	5				35
7.0-7.9				1	5						6
8.0-8.9					6						6
9.0-9.9											0
10.0+											0
TOTAL	33	187	231	133	229	164	6	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 9.6 NO. OF CASES= 593.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1										1
1.0-1.9	20	3	13	6							42
2.0-2.9	11	49	75	34	6						175
3.0-3.9		41	30	73	124	10					278
4.0-4.9		22	34	11	97	136	3				303
5.0-5.9		1	41	10	11	47	18				128
6.0-6.9			5	20	8	17	22				72
7.0-7.9				6	32	1	23				62
8.0-8.9					3						3
9.0-9.9					1	17					18
10.0+											0
TOTAL	32	116	198	160	282	228	66	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 10.3 NO. OF CASES= 643.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	6	.	.	.	.	.	.	.	.	.	6
1.0-1.9	15	5	29	6	.	.	.	.	.	.	55
2.0-2.9	23	135	121	41	1	.	.	.	.	.	321
3.0-3.9	.	83	47	138	119	13	.	.	.	.	400
4.0-4.9	.	13	118	18	123	78	5	.	.	.	355
5.0-5.9	.	1	71	17	25	90	15	.	.	.	219
6.0-6.9	.	.	.	35	27	23	10	.	.	.	95
7.0-7.9	.	.	.	1	23	15	8	.	.	.	47
8.0-8.9	.	.	.	.	3	17	.	.	.	.	20
9.0-9.9	.	.	.	.	.	1	1	.	.	.	2
10.0+	.	.	.	.	.	1	11	.	.	.	12
TOTAL	44	237	386	256	321	238	50	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 10.6 MEAN TP(SEC)= 9.7 NO. OF CASES= 909.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	25	35	70	.	.	.	.	.	.	.	130
2.0-2.9	44	164	83	30	25	.	.	.	.	.	346
3.0-3.9	1	150	77	111	150	49	.	.	.	.	538
4.0-4.9	.	23	80	11	106	118	3	.	.	.	341
5.0-5.9	.	1	123	42	32	177	23	.	.	.	398
6.0-6.9	.	.	6	61	18	22	25	.	.	.	132
7.0-7.9	.	.	.	13	20	8	15	.	.	.	56
8.0-8.9	.	.	.	1	18	22	5	.	.	.	46
9.0-9.9	.	.	.	.	.	15	10	.	.	.	25
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	75	373	439	269	369	411	81	0	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 9.8 NO. OF CASES= 1192.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	8	11	.	.	.	.	.	.	.	.	19
1.0-1.9	27	71	106	.	.	.	.	.	.	.	204
2.0-2.9	35	128	373	114	47	3	.	.	.	.	700
3.0-3.9	.	241	83	198	208	42	3	.	.	.	775
4.0-4.9	.	54	263	47	217	239	8	.	.	.	828
5.0-5.9	.	3	157	80	58	177	44	.	.	.	519
6.0-6.9	.	.	32	109	37	82	53	.	.	.	313
7.0-7.9	.	.	1	27	94	27	51	.	.	.	230
8.0-8.9	.	.	.	1	29	42	30	8	.	.	110
9.0-9.9	.	.	.	.	6	41	11	.	.	.	58
10.0+	.	.	.	.	1	34	3	.	.	.	38
TOTAL	70	508	1015	576	697	687	203	8	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 12.5 MEAN TP(SEC)= 10.0 NO. OF CASES= 2215.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	5	.	1	.	1	.	.	.	5
1.0-1.9	27	130	210	.	.	.	.	.	.	.	369
2.0-2.9	80	338	460	150	54	20	.	.	.	.	1102
3.0-3.9	5	381	215	302	426	102	25	.	.	.	1456
4.0-4.9	.	82	357	100	284	390	49	.	.	.	1262
5.0-5.9	.	5	184	160	106	314	181	.	.	.	950
6.0-6.9	.	.	29	157	107	162	314	1	.	.	770
7.0-7.9	.	.	3	34	188	97	237	15	.	.	574
8.0-8.9	.	.	.	3	47	118	90	18	.	.	276
9.0-9.9	.	.	.	.	6	66	13	20	.	.	105
10.0+	.	.	.	.	.	32	37	11	.	.	80
TOTAL	112	936	1463	906	1219	1301	947	65	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 14.4 MEAN TP(SEC)= 10.5 NO. OF CASES= 4078.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	44	15	11	.	.	.	1	.	.	.	70
1.0-1.9	85	410	448	34	8	.	1	.	.	.	986
2.0-2.9	162	598	1091	816	177	22	.	.	.	.	2866
3.0-3.9	.	609	446	735	1002	301	3	.	.	.	3096
4.0-4.9	.	109	631	254	687	954	44	.	.	.	2679
5.0-5.9	.	10	251	284	299	932	373	.	.	.	2149
6.0-6.9	.	.	41	208	191	371	467	.	.	.	1279
7.0-7.9	.	.	1	25	171	157	222	3	.	.	979
8.0-8.9	.	.	.	3	71	154	114	18	.	.	359
9.0-9.9	.	.	.	.	11	60	32	39	.	.	142
10.0+	.	.	.	.	.	30	37	23	.	.	90
TOTAL	291	1751	2920	2359	2617	3001	1353	83	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 13.4 MEAN TP(SEC)= 10.4 NO. OF CASES= 8418.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	87	83	15	.	.	.	.	.	.	.	185
1.0-1.9	181	1279	1232	71	8	.	.	.	.	.	2771
2.0-2.9	186	1016	2034	1101	396	18	1	.	.	.	4752
3.0-3.9	.	595	610	1293	1409	318	23	.	.	.	4248
4.0-4.9	.	116	643	342	1225	1411	116	1	.	.	3854
5.0-5.9	.	3	249	304	371	1211	525	10	.	.	2673
6.0-6.9	.	.	30	130	244	480	720	15	.	.	1619
7.0-7.9	.	.	3	39	191	186	371	25	.	.	815
8.0-8.9	.	.	.	1	53	100	157	65	.	.	376
9.0-9.9	.	.	.	.	13	82	49	44	.	.	188
10.0+	.	.	.	.	1	23	47	.	.	.	71
TOTAL	454	3092	4816	3281	3911	3829	2009	160	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 12.6 MEAN TP(SEC)= 10.2 NO. OF CASES= 12614.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	152	73	42	.	.	.	.	.	.	.	267
1.0-1.9	359	1755	1687	196	42	3	1	.	.	.	4043
2.0-2.9	219	1160	2737	1755	660	119	17	.	.	.	6667
3.0-3.9	.	663	739	1336	2015	737	90	.	.	.	5580
4.0-4.9	.	85	549	251	1303	1692	195	10	.	.	4085
5.0-5.9	.	1	171	183	361	1100	558	18	.	.	2392
6.0-6.9	.	.	20	92	201	405	610	25	.	.	1353
7.0-7.9	.	.	1	15	100	135	309	53	.	.	613
8.0-8.9	.	.	.	1	39	77	133	66	.	.	316
9.0-9.9	.	.	.	.	3	42	34	15	.	.	94
10.0+	.	.	.	.	.	6	37	13	.	.	56
TOTAL	730	3737	5946	3829	4724	4316	1993	209	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 12.8 MEAN TP(SEC)= 10.1 NO. OF CASES= 14909.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	47	22	13	.	.	.	.	.	.	.	82
1.0-1.9	403	735	499	147	29	.	3	.	.	.	1816
2.0-2.9	319	1223	1071	583	201	56	6	.	.	.	3471
3.0-3.9	3	833	497	530	619	171	30	.	.	.	2683
4.0-4.9	.	66	470	126	308	359	46	1	.	.	1376
5.0-5.9	.	.	242	124	138	227	99	1	.	.	831
6.0-6.9	.	.	18	87	75	121	75	3	.	.	379
7.0-7.9	.	.	.	17	58	47	47	6	.	.	175
8.0-8.9	.	.	.	.	29	15	18	5	.	.	67
9.0-9.9	.	.	.	.	1	8	5	.	.	.	14
10.0+	.	.	.	.	.	3	5	.	.	.	8
TOTAL	772	2879	2810	1614	1478	1007	336	16	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 12.2 MEAN TP(SEC)= 9.0 NO. OF CASES= 6394.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	6	1	.	.	.	.	.	.	.	.	7
1.0-1.9	159	147	59	6	5	.	.	.	.	.	376
2.0-2.9	229	809	231	97	20	6	1	.	.	.	1393
3.0-3.9	.	604	319	177	80	34	10	.	.	.	1224
4.0-4.9	.	94	537	80	75	27	17	.	.	.	830
5.0-5.9	.	3	273	189	35	51	8	.	.	.	559
6.0-6.9	.	.	29	186	59	18	1	.	.	.	293
7.0-7.9	.	.	1	51	95	10	.	.	.	.	157
8.0-8.9	.	.	.	.	47	15	1	.	.	.	63
9.0-9.9	.	.	.	.	8	17	1	.	.	.	26
10.0+						6					6
TOTAL	394	1658	1449	786	424	184	39	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 10.9 MEAN TP(SEC)= 8.4 NO. OF CASES= 2898.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	80	61	23	.	.	.	.	.	.	.	164
2.0-2.9	88	355	75	27	8	5	1	.	.	.	559
3.0-3.9	.	258	85	44	29	5	.	.	.	.	421
4.0-4.9	.	42	217	29	25	8	.	.	.	.	321
5.0-5.9	.	8	167	41	8	17	.	.	.	.	241
6.0-6.9	.	.	15	41	10	10	.	.	.	.	76
7.0-7.9	.	.	3	42	22	5	.	.	.	.	72
8.0-8.9	.	.	.	1	13	3	.	.	.	.	17
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	168	724	585	225	115	51	1	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 8.5 MEAN TP(SEC)= 8.1 NO. OF CASES= 1102.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	10	25	13	.	.	.	.	.	.	.	48
2.0-2.9	39	270	53	17	6	.	.	.	.	.	385
3.0-3.9	1	337	90	25	8	1	.	.	.	.	462
4.0-4.9	.	59	280	32	11	1	.	.	.	.	383
5.0-5.9	.	3	152	70	10	5	.	.	.	.	240
6.0-6.9	.	.	6	114	15	.	.	.	.	.	135
7.0-7.9	.	.	.	35	47	.	.	.	.	.	82
8.0-8.9	.	.	.	1	46	.	.	.	.	.	47
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	50	694	594	294	143	7	0	0	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 8.3 NO. OF CASES= 1051.

STATION 19 53.95N 156.60W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

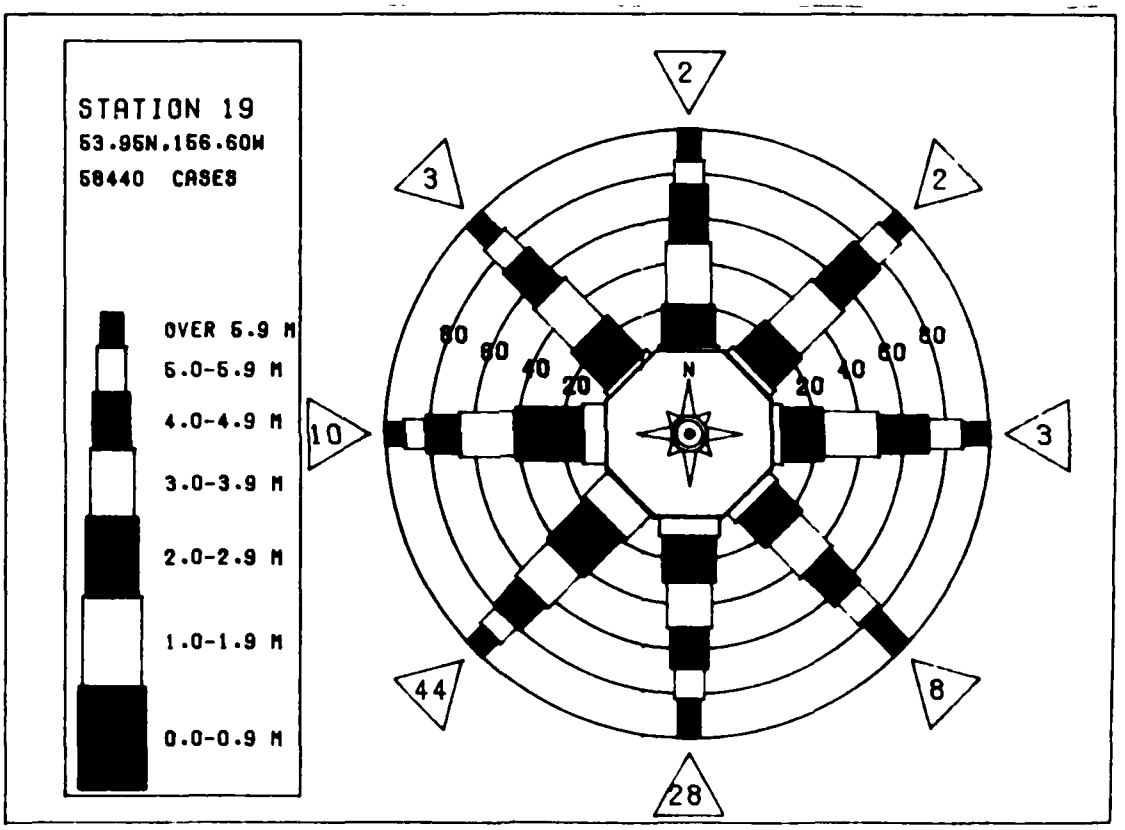
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	3	3	.	.	.	.	.	.	.	12
2.0-2.9	17	88	22	8	.	1	.	.	.	.	136
3.0-3.9	.	171	56	20	8	.	.	.	.	.	255
4.0-4.9	.	42	179	3	15	1	.	.	.	.	240
5.0-5.9	.	.	68	46	6	1	1	.	.	.	122
6.0-6.9	.	.	18	65	8	5	1	.	.	.	97
7.0-7.9	.	.	.	22	15	.	1	.	.	.	38
8.0-8.9	.	.	.	1	20	.	.	.	.	.	21
9.0-9.9	.	.	.	.	3	.	.	.	.	.	3
10.0+											0
TOTAL	23	304	346	165	75	8	3	0	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 9.0 MEAN TP(SEC)= 8.5 NO. OF CASES= 550.

STATION 19 53.95N 156.60W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0. -0.9	37	20	8	.	.	.	.	.	.	.	65
1.0-1.9	143	468	442	47	9	.	.	.	.	.	1109
2.0-2.9	150	660	852	487	161	25	3	.	.	.	2338
3.0-3.9	1	524	344	512	637	179	18	.	.	.	2215
4.0-4.9	.	86	463	135	464	553	48	1	.	.	1750
5.0-5.9	.	4	227	160	149	448	186	3	.	.	1177
6.0-6.9	.	.	27	137	102	174	231	4	.	.	675
7.0-7.9	.	.	1	35	108	69	135	11	.	.	359
8.0-8.9	.	.	.	1	43	56	55	18	.	.	173
9.0-9.9	.	.	.	.	5	37	16	11	.	.	69
10.0+	.	.	.	.	.	14	18	4	.	.	36
TOTAL	331	1762	2364	1514	1678	1555	710	52	0	0	

MEAN HS(M)= 3.9 LARGEST HS(M)= 14.4 MEAN TP(SEC)= 9.9 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 19 (53.95N 156.60W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	4.8	4.6	4.6	4.2	4.0	2.5	2.0	2.5	3.5	4.0	5.3	5.0	3.9
1957	5.2	4.5	4.7	3.5	2.7	2.3	1.8	2.2	3.5	4.1	5.8	5.0	3.8
1958	5.7	4.4	4.0	3.7	3.5	3.3	2.9	2.2	3.1	4.0	5.2	5.3	3.9
1959	5.7	4.7	4.4	3.6	2.8	2.1	2.1	2.4	3.6	4.4	5.3	5.5	3.9
1960	5.6	5.2	3.7	3.0	2.6	2.5	1.7	2.8	2.8	4.3	5.7	5.7	3.8
1961	5.6	4.6	4.2	3.3	2.6	1.8	2.3	2.7	3.2	4.5	5.4	5.1	3.8
1962	5.4	4.3	3.7	3.5	2.9	2.1	1.7	2.6	3.0	4.5	5.2	5.1	3.7
1963	6.8	4.9	4.6	3.0	2.7	2.9	1.9	2.1	2.9	4.5	4.5	5.7	3.9
1964	5.7	6.5	4.2	3.6	2.8	2.4	2.4	2.8	3.1	4.0	5.2	4.7	3.9
1965	4.7	5.1	5.5	3.4	3.6	3.1	2.4	2.6	3.7	4.1	4.1	5.1	3.9
1966	5.5	4.6	3.8	5.8	2.9	2.5	2.7	2.9	3.4	4.4	3.6	5.0	3.7
1967	5.1	5.6	3.5	3.5	2.8	2.4	1.8	2.6	3.7	3.8	5.5	5.4	3.8
1968	4.2	5.0	4.0	3.9	2.3	1.9	2.2	2.5	3.0	3.6	5.2	4.6	3.5
1969	4.1	5.4	4.8	3.9	3.0	3.4	2.1	2.5	3.1	4.6	5.0	6.8	4.1
1970	4.5	6.5	6.0	4.8	2.7	2.9	2.5	2.7	3.2	3.8	4.0	5.0	4.0
1971	4.9	5.5	4.9	3.8	3.8	3.0	1.8	2.8	2.8	4.3	5.0	5.5	4.0
1972	6.1	5.4	4.4	4.2	3.4	3.2	2.1	2.7	3.4	4.7	5.8	5.4	4.2
1973	5.4	5.4	5.6	4.1	3.5	2.7	3.0	2.6	3.5	4.8	4.9	5.5	4.2
1974	5.9	5.6	5.2	4.4	3.7	2.7	2.1	2.7	2.8	5.0	5.3	5.5	4.2
1975	4.9	4.6	4.3	3.3	3.1	2.4	2.3	2.0	2.5	3.9	3.9	4.9	3.5
MEAN	5.3	5.1	4.5	3.7	3.1	2.6	2.2	2.5	3.2	4.3	5.0	5.3	

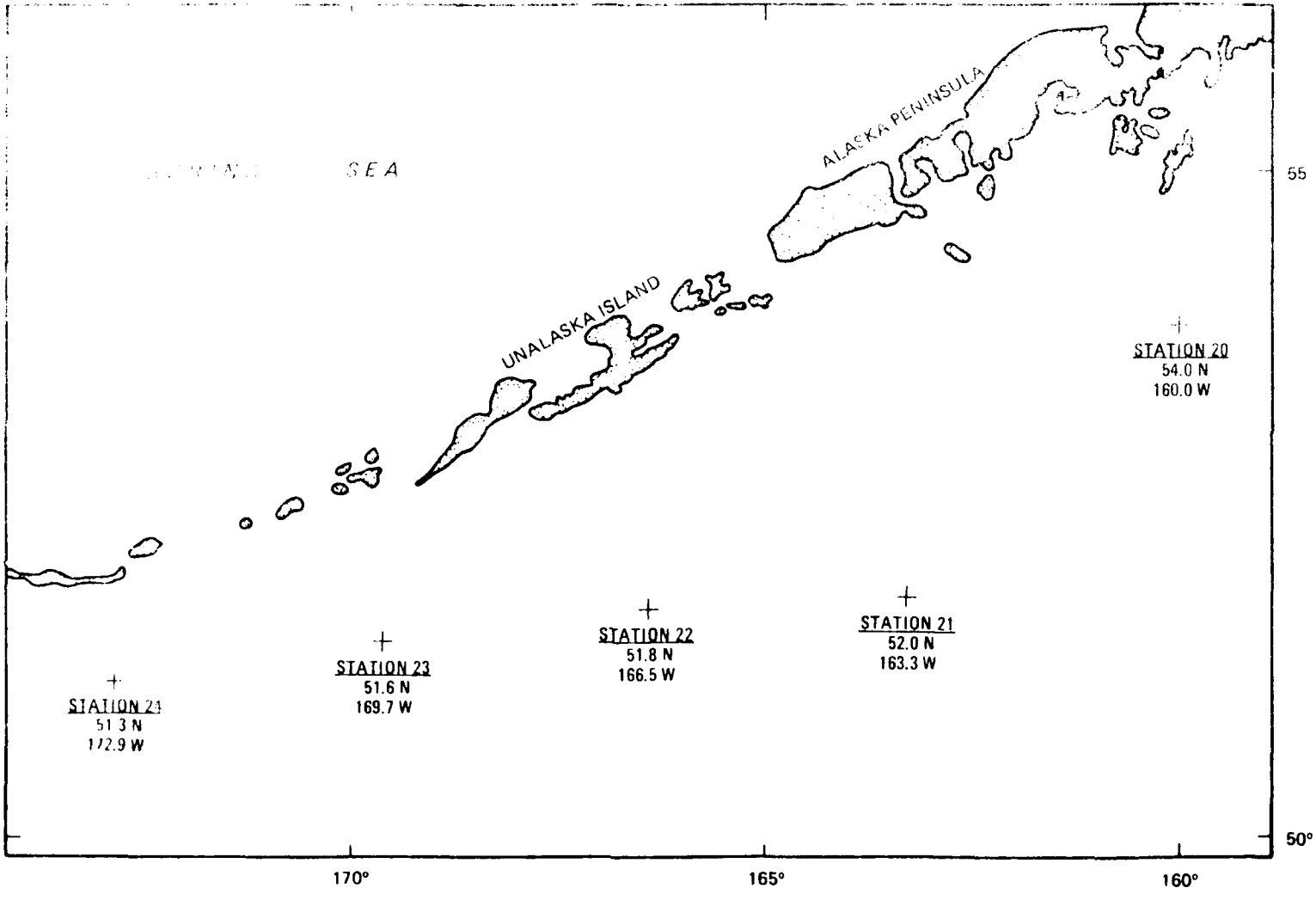
LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 19 (53.95N 156.60W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	7.3	7.7	9.0	9.8	7.9	5.5	4.8	5.8	9.3	6.8	10.7	8.3
1957	10.0	8.8	9.3	6.9	6.6	5.3	3.1	5.7	6.0	8.4	10.7	9.5
1958	10.8	7.0	11.4	6.8	5.4	6.5	4.6	3.7	6.5	8.7	10.6	7.6
1959	10.6	8.9	6.8	7.5	5.2	4.1	2.9	4.8	11.4	8.9	8.1	9.0
1960	8.4	8.6	7.5	9.0	4.2	6.1	3.0	5.0	5.0	10.0	12.5	10.3
1961	10.0	8.1	9.0	7.0	4.6	4.3	4.0	4.4	6.8	8.0	9.5	10.0
1962	9.2	8.0	10.9	11.0	6.0	4.2	4.5	4.4	5.5	9.2	9.8	9.4
1963	10.9	8.3	7.7	6.0	3.9	6.0	3.6	5.4	5.2	9.0	8.8	11.6
1964	9.2	13.4	6.8	6.6	6.7	4.1	3.7	5.1	6.3	8.6	10.2	8.8
1965	9.3	10.2	10.2	6.6	8.4	5.9	4.5	4.6	7.6	9.7	9.7	11.3
1966	8.1	9.6	7.4	6.0	5.8	4.5	6.0	6.6	7.7	7.9	8.0	8.8
1967	9.6	10.4	8.4	7.8	5.1	4.1	3.4	5.1	8.1	6.8	9.0	9.0
1968	8.4	8.4	5.9	6.5	5.5	3.3	4.1	4.9	9.8	6.1	8.3	6.9
1969	7.4	9.1	10.9	7.2	6.1	6.4	3.3	4.4	5.8	8.5	9.9	10.3
1970	8.4	9.5	9.8	9.2	5.1	6.5	6.0	5.8	7.1	7.3	8.8	11.1
1971	9.9	10.4	14.4	7.2	8.6	8.1	3.8	6.6	5.8	7.2	12.6	12.7
1972	8.9	8.7	7.7	8.8	10.0	6.6	4.1	4.5	6.6	10.0	10.3	9.4
1973	9.9	9.9	11.9	7.9	5.8	4.1	5.0	5.2	6.4	10.6	12.8	13.0
1974	10.1	8.9	9.7	7.3	7.2	5.5	3.4	8.3	4.9	10.1	10.6	9.0
1975	8.2	8.1	6.7	7.9	6.5	3.9	4.4	3.3	5.4	10.0	6.4	9.3

20 YR. STATISTICS FOR PACIFIC STATION 19 (53.95N 156.60W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.9
MEAN PEAK WAVE PERIOD (SECONDS)=	10.0
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	2.3
LARGEST HS(METRES)=	14.4
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	154.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	71031606


SEA
ALASKA PENINSULA
UNALASKA ISLAND
STATION 20
54.0 N
160.0 W
STATION 21
52.0 N
163.3 W
STATION 22
51.8 N
166.5 W
STATION 23
51.6 N
169.7 W
STATION 24
51.3 N
172.9 W
55
50°
170°
165°
160°

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	18	13	15	.	1	.	.	.	.	.	47
2.0-2.9	37	87	20	18	5	.	.	.	.	.	167
3.0-3.9	.	102	17	13	6	3	.	.	.	.	141
4.0-4.9	.	47	41	.	3	6	.	.	.	.	97
5.0-5.9	.	.	39	1	1	.	.	.	.	.	41
6.0-6.9	.	.	3	11	.	.	.	.	.	.	14
7.0-7.9	.	.	.	3	.	.	.	.	.	.	3
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	55	249	135	46	16	9	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 7.7 NO. OF CASES= 306.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	10	8	.	.	.	.	.	.	.	23
2.0-2.9	18	65	3	3	1	1	.	.	.	.	91
3.0-3.9	.	61	11	20	3	.	.	.	.	.	95
4.0-4.9	.	18	41	8	3	10	.	.	.	.	80
5.0-5.9	.	.	23	5	1	5	.	.	.	.	34
6.0-6.9	.	.	5	3	.	.	.	.	.	.	8
7.0-7.9	.	.	.	3	.	.	.	.	.	.	3
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	23	154	91	42	8	16	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 8.0 NO. OF CASES= 202.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	18	5	5	.	.	.	.	.	.	33
2.0-2.9	18	53	27	10	6	.	.	.	.	.	114
3.0-3.9	.	77	17	6	8	1	.	.	.	.	109
4.0-4.9	.	20	46	6	6	17	.	.	.	.	95
5.0-5.9	.	.	29	.	.	6	.	.	.	.	35
6.0-6.9	.	.	1	3	6	.	.	.	.	.	10
7.0-7.9	.	.	1	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	23	168	126	30	26	24	0	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 8.3 NO. OF CASES= 239.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	18	1	13	.	.	.	.	.	.	37
2.0-2.9	15	65	80	32	8	.	.	.	.	.	200
3.0-3.9	.	94	20	22	23	15	.	.	.	.	174
4.0-4.9	.	29	44	1	23	22	3	.	.	.	122
5.0-5.9	.	.	37	11	5	6	5	.	.	.	64
6.0-6.9	.	.	3	5	.	1	1	.	.	.	10
7.0-7.9	.	.	1	3	1	1	1	.	.	.	7
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	226	186	87	60	45	10	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 8.8 NO. OF CASES= 381.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	13										13
1.0-1.9	39	23	23	30	10						125
2.0-2.9	25	123	58	23	39	3					271
3.0-3.9	1	138	54	44	90	66					393
4.0-4.9		46	87	23	39	59	11				265
5.0-5.9			80	20	8	17	6				131
6.0-6.9			5	35	32	6	3				81
7.0-7.9				6	15	15	6				42
8.0-8.9						11	3				14
9.0-9.9											0
10.0+											0
TOTAL	78	330	307	181	233	177	29	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 9.3 NO. OF CASES= 794.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	17	1	3								21
1.0-1.9	22	68	92	18	1						201
2.0-2.9	18	160	181	68	78	15					520
3.0-3.9		174	106	111	128	82					601
4.0-4.9		41	169	47	99	155	35				546
5.0-5.9		3	92	75	37	65	61				333
6.0-6.9			8	58	25	11	41				143
7.0-7.9				6	22	13	13				54
8.0-8.9					22	17	22				61
9.0-9.9						5					5
10.0+						1	5				6
TOTAL	57	447	651	383	412	364	177	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 11.2 MEAN TP(SEC)= 9.8 NO. OF CASES= 1468.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	13	30									43
1.0-1.9	49	116	265	22	1						453
2.0-2.9	77	277	482	278	135	47					1295
3.0-3.9	1	321	224	212	330	222	13				1323
4.0-4.9		65	220	87	265	311	55				1004
5.0-5.9		5	143	124	94	215	99				680
6.0-6.9			20	131	142	114	106	8			521
7.0-7.9			1	13	140	73	69	22			337
8.0-8.9				1	30	68	39	23			161
9.0-9.9					3	82	8				93
10.0+						20	22				42
TOTAL	140	814	1355	868	1160	1152	431	53	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 11.9 MEAN TP(SEC)= 10.2 NO. OF CASES= 3506.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	22	42	1								65
1.0-1.9	58	383	450	42							933
2.0-2.9	1	438	728	489	201	68	3				2100
3.0-3.9	1	439	338	467	602	285	27				2159
4.0-4.9		83	371	159	385	607	181				1786
5.0-5.9		3	191	145	156	491	277				1263
6.0-6.9			15	126	139	165	201	6			939
7.0-7.9				23	94	94	154	10			375
8.0-8.9					39	78	32				149
9.0-9.9					5	39	18	6			68
10.0+						20	46	3			69
TOTAL	204	1388	2144	1441	1598	1849	939	25	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 10.2 NO. OF CASES= 5618.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	68	85	5	1	.	.	.	.	.	.	159
1.0-1.9	114	1295	800	114	6	10	.	.	.	.	2339
2.0-2.9	203	836	1675	975	330	41	8	.	8	.	4076
3.0-3.9	3	590	583	994	1151	515	37	.	1	.	3874
4.0-4.9	.	107	472	205	812	924	160	6	.	.	2686
5.0-5.9	.	5	210	193	282	941	264	3	.	.	1898
6.0-6.9	.	.	23	133	198	359	314	5	.	.	1033
7.0-7.9	.	.	3	17	95	104	232	6	.	.	457
8.0-8.9	.	.	.	1	27	62	82	17	.	.	209
9.0-9.9	.	.	.	.	3	10	44	15	.	.	72
10.0+						20	35				55
TOTAL	388	2918	3771	2633	2904	3006	1206	52	9	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 12.5 MEAN TP(SEC)= 10.0 NO. OF CASES= 9886.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	104	160	1	1	.	.	.	.	.	.	266
1.0-1.9	311	1627	1495	193	65	13	.	.	.	.	3704
2.0-2.9	201	1013	2412	1332	583	82	5	.	.	.	5628
3.0-3.9	1	535	718	1235	1846	853	53	.	.	.	5241
4.0-4.9	.	73	412	263	1187	1475	299	3	.	.	3712
5.0-5.9	.	3	145	147	427	1011	633	29	.	.	2395
6.0-6.9	.	.	20	88	189	385	583	27	.	.	1292
7.0-7.9	.	.	6	15	97	131	273	61	.	.	583
8.0-8.9	.	.	.	.	32	78	104	32	.	.	246
9.0-9.9	.	.	.	.	.	35	23	.	.	.	58
10.0+						11	34	1			46
TOTAL	617	3411	5209	3274	4426	4074	2007	153	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 12.1 MEAN TP(SEC)= 10.2 NO. OF CASES= 13559.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	128	167	95	15	.	.	.	.	.	.	405
1.0-1.9	405	2226	2292	355	51	27	.	.	.	.	5356
2.0-2.9	280	941	2701	1850	900	118	25	.	.	.	6815
3.0-3.9	.	499	557	1072	1704	823	47	.	.	.	4702
4.0-4.9	.	65	326	268	852	1209	191	3	.	.	2914
5.0-5.9	.	1	118	85	208	759	393	20	.	.	1584
6.0-6.9	.	.	10	41	99	272	323	30	.	.	775
7.0-7.9	.	.	.	6	23	97	112	54	.	.	292
8.0-8.9	.	.	.	.	25	39	56	15	.	.	135
9.0-9.9	.	.	.	.	.	8	17	10	.	.	35
10.0+						3	20	15			38
TOTAL	813	3899	6099	3702	3862	3355	1184	147	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 13.4 MEAN TP(SEC)= 9.7 NO. OF CASES= 13494.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	5	27	11	.	.	.	.	.	.	.	43
1.0-1.9	436	527	308	106	27	1	.	.	.	.	1405
2.0-2.9	345	970	723	433	224	29	17	.	.	.	2746
3.0-3.9	1	657	352	352	472	217	8	.	.	.	2059
4.0-4.9	.	63	222	58	195	229	27	.	.	.	794
5.0-5.9	.	.	107	42	54	150	32	.	.	.	385
6.0-6.9	.	.	6	49	18	61	23	.	.	.	157
7.0-7.9	.	.	.	6	11	8	13	.	.	.	38
8.0-8.9	.	.	.	.	.	1	3	.	.	.	4
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	787	2244	1729	1051	1001	696	123	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 8.7 NO. OF CASES= 4472.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3	18	.	.	.	.	.	.	.	.	21
1.0-1.9	138	169	53	27	1	.	.	.	.	.	388
2.0-2.9	282	650	155	119	30	18	.	.	.	.	1254
3.0-3.9	.	610	165	71	87	25	.	.	.	.	958
4.0-4.9	.	100	301	20	44	46	.	.	.	.	511
5.0-5.9	.	3	109	41	8	42	.	.	.	.	203
6.0-6.9	.	.	15	47	6	17	1	.	.	.	86
7.0-7.9	.	.	1	22	3	1	.	.	.	.	27
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	423	1550	799	347	180	149	1	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 7.9 NO. OF CASES= 2028.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3	8	.	.	.	.	.	.	.	.	11
1.0-1.9	99	106	22	18	.	.	.	.	.	.	245
2.0-2.9	142	408	65	27	10	.	.	.	.	.	652
3.0-3.9	1	361	71	20	37	3	1	.	.	.	494
4.0-4.9	.	78	133	10	22	10	.	.	.	.	253
5.0-5.9	.	5	77	8	6	10	.	.	.	.	106
6.0-6.9	.	.	17	32	5	1	.	.	.	.	55
7.0-7.9	.	.	.	5	1	1	.	.	.	.	7
8.0-8.9	.	.	.	.	6	.	.	.	.	.	6
9.0-9.9	.	.	.	.	1	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	245	966	385	120	88	25	1	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 7.5 NO. OF CASES= 1079.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	5	.	.	.	.	.	.	.	5
1.0-1.9	66	39	15	5	3	.	.	.	.	.	128
2.0-2.9	94	266	37	27	6	.	.	.	.	.	430
3.0-3.9	.	335	66	6	11	5	.	.	.	.	423
4.0-4.9	.	46	225	10	15	6	.	.	.	.	302
5.0-5.9	.	3	121	13	15	.	.	.	.	.	152
6.0-6.9	.	.	22	42	3	.	.	.	.	.	67
7.0-7.9	.	.	.	17	11	.	.	.	.	.	28
8.0-8.9	.	.	.	1	6	.	.	.	.	.	7
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	160	689	491	121	70	11	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 7.8 NO. OF CASES= 911.

STATION 20 54.00N 160.00W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	3	.	.	.	.	.	.	.	3
1.0-1.9	10	10	8	.	.	.	.	.	.	.	28
2.0-2.9	25	177	15	8	6	.	.	.	.	.	231
3.0-3.9	1	222	34	8	5	1	.	.	.	.	271
4.0-4.9	.	47	90	6	1	5	5	.	.	.	154
5.0-5.9	.	.	51	10	10	3	.	.	.	.	74
6.0-6.9	.	.	13	46	.	.	.	.	.	.	59
7.0-7.9	.	.	.	11	5	.	.	.	.	.	16
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	36	456	214	89	27	9	5	0	0	0	

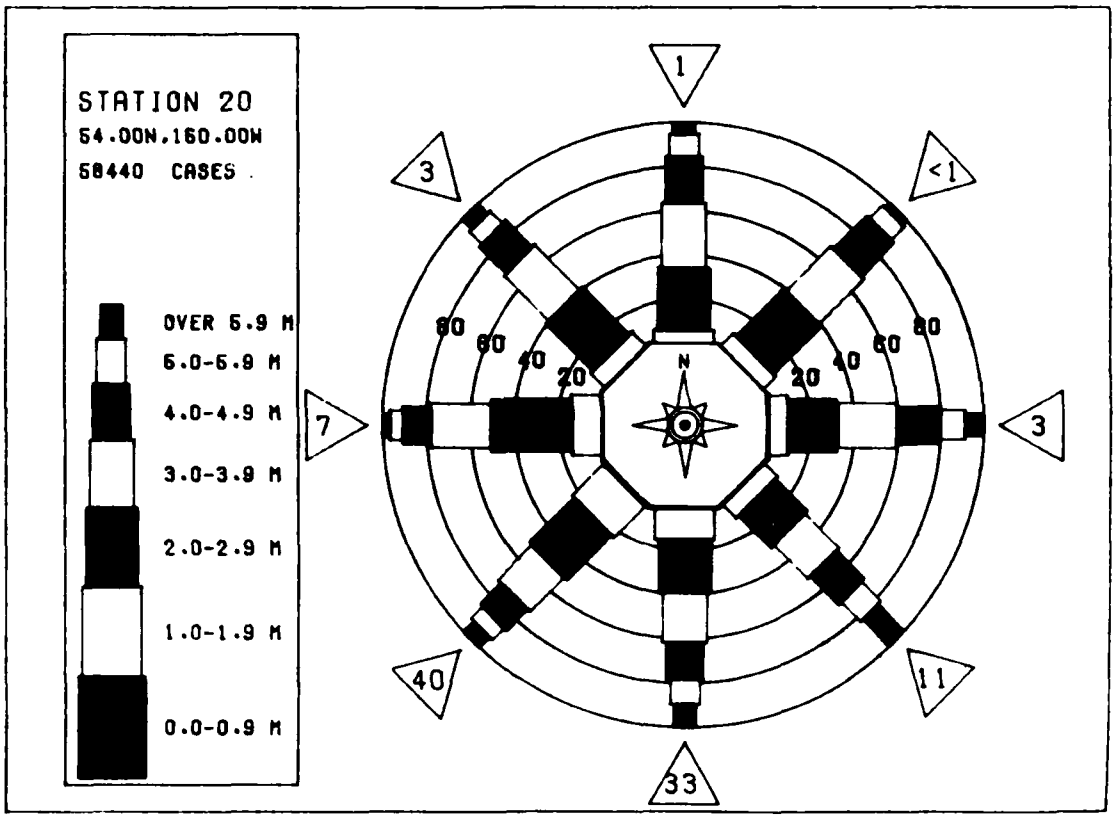
MEAN HS(M) = 3.8 LARGEST HS(M)= 7.9 MEAN TP(SEC)= 7.9 NO. OF CASES= 497.

STATION 20 54.00N 160.00W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	37	54	12	1	.	.	.	.	.	.	104
1.0-1.9	178	665	585	95	17	5	.	.	.	.	1545
2.0-2.9	191	655	941	571	257	42	5	.	.	.	2662
3.0-3.9	1	522	334	466	651	312	18	.	.	.	2304
4.0-4.9	.	93	320	117	397	509	97	1	.	.	1534
5.0-5.9	.	3	157	92	130	372	180	5	.	.	939
6.0-6.9	.	.	19	84	86	139	100	7	.	.	435
7.0-7.9	.	.	1	16	52	54	89	15	.	.	227
8.0-8.9	.	.	.	.	19	37	34	8	.	.	98
9.0-9.9	.	.	.	.	1	18	11	3	.	.	33
10.0+	.	.	.	.	.	7	15	2	.	.	25
TOTAL	407	1992	2369	1442	1610	1495	610	41	0	0	

MEAN HS(M)= 3.5 LARGEST HS(M)= 13.4 MEAN TP(SEC)= 9.7 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 20 (54.00N 160.00W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	3.9	4.2	4.3	3.8	3.7	2.3	1.8	2.3	3.5	3.3	4.7	4.4	3.5
1957	5.1	4.0	4.4	3.3	2.6	2.1	1.6	2.2	3.2	3.9	5.3	4.5	3.5
1958	5.1	4.0	3.8	3.5	3.1	3.0	2.6	2.0	3.0	3.6	4.6	4.7	3.6
1959	5.0	4.2	3.8	3.3	2.6	1.9	1.9	2.3	3.2	3.9	5.0	4.9	3.5
1960	5.3	4.7	3.1	2.6	2.4	2.3	1.5	2.5	2.5	3.8	4.9	5.3	3.4
1961	5.2	4.1	3.8	3.1	2.4	1.6	2.0	2.4	2.8	3.9	4.8	4.6	3.4
1962	5.1	4.2	3.4	3.1	2.7	1.9	1.5	2.4	2.8	4.1	4.5	4.7	3.4
1963	6.7	4.4	4.0	2.6	2.4	2.7	1.8	2.3	2.7	3.7	4.0	5.2	3.6
1964	5.0	5.9	4.1	3.3	2.4	2.2	2.2	2.5	2.9	3.6	4.8	4.1	3.6
1965	4.0	4.7	5.1	3.2	3.1	2.8	2.1	2.2	3.5	3.4	3.7	4.4	3.5
1966	5.0	4.3	3.3	3.5	2.7	2.2	2.6	2.6	2.9	3.8	3.2	4.2	3.4
1967	4.5	5.2	3.1	3.2	2.5	2.2	1.6	2.3	3.2	3.3	5.2	4.7	3.4
1968	3.8	4.6	3.5	3.5	2.0	1.7	2.1	2.3	2.6	3.1	4.7	4.1	3.2
1969	3.6	5.0	4.4	3.4	2.8	3.1	1.8	2.1	3.0	4.1	4.3	5.9	3.6
1970	4.0	6.0	5.7	4.4	2.5	2.7	2.4	2.3	3.0	3.5	3.5	4.4	3.7
1971	4.4	4.9	4.5	3.4	3.3	2.6	1.6	2.6	2.5	3.8	4.5	5.1	3.6
1972	5.3	4.2	3.8	3.7	3.1	3.1	1.9	2.4	3.1	4.4	5.4	5.0	3.8
1973	4.8	4.9	5.2	3.7	3.1	2.7	2.7	2.5	3.3	4.2	4.2	4.9	3.8
1974	5.7	5.0	4.4	3.9	3.5	2.4	2.0	2.7	2.5	4.2	4.8	4.9	3.8
1975	4.2	3.9	4.1	3.0	2.7	2.3	2.1	1.8	2.2	3.3	3.5	4.2	3.1
MEAN	4.8	4.6	4.1	3.4	2.8	2.4	2.0	2.3	2.9	3.7	4.5	4.7	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 20 (54.00N 160.00W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	5.7	7.4	8.4	8.4	6.7	5.8	3.9	5.3	8.8	6.2	9.2	7.4
1957	10.3	7.4	9.8	6.4	6.6	5.0	3.0	5.9	5.2	7.4	8.7	8.6
1958	11.5	7.0	11.1	5.8	4.9	5.2	4.3	3.5	8.3	8.0	9.8	7.2
1959	8.6	8.5	5.8	6.9	5.4	4.0	2.8	4.5	11.1	6.7	9.2	8.7
1960	8.1	7.5	6.4	7.0	4.3	4.6	2.9	4.2	4.6	7.2	11.2	8.5
1961	9.5	6.4	7.0	6.6	4.0	3.7	3.3	4.8	5.6	6.9	9.7	9.5
1962	9.1	7.9	8.9	9.2	5.8	4.0	3.3	4.5	4.9	8.2	8.4	8.3
1963	11.2	8.2	7.2	4.9	5.4	5.6	5.0	4.9	5.3	7.8	7.4	10.5
1964	7.9	11.2	6.5	5.4	5.3	3.8	3.8	5.6	5.7	7.2	12.9	7.1
1965	8.7	10.4	10.7	5.4	6.1	6.3	3.3	4.8	7.0	6.7	10.1	11.1
1966	7.8	9.4	5.5	6.1	5.5	3.9	5.1	5.2	6.9	8.5	8.0	8.0
1967	9.0	11.3	7.4	6.5	5.3	3.5	3.2	4.3	6.6	6.5	8.4	8.4
1968	7.6	9.9	5.8	6.3	5.2	3.1	4.2	4.5	7.4	6.7	7.5	6.5
1969	6.8	10.2	10.3	6.2	5.7	5.3	3.0	3.8	5.6	7.0	7.5	9.6
1970	7.5	9.2	8.7	8.1	4.2	7.1	5.0	3.9	6.9	7.1	7.9	10.1
1971	9.0	9.7	12.8	6.2	6.7	6.3	3.2	5.4	4.8	6.8	12.1	11.3
1972	7.7	8.9	7.8	7.3	8.9	5.9	5.9	4.3	6.7	12.4	12.4	9.1
1973	8.6	9.2	11.4	6.2	5.2	6.1	4.0	5.4	6.5	9.5	13.4	11.5
1974	11.9	7.6	8.4	6.0	7.0	5.2	3.8	8.0	5.3	9.1	9.4	7.9
1975	7.0	7.7	7.1	7.1	5.8	4.9	3.3	2.9	4.5	9.1	5.9	9.8

20 YR. STATISTICS FOR PACIFIC STATION 20 (54.00N 160.00W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.5
MEAN PEAK WAVE PERIOD (SECONDS)=	9.8
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	202.5
STANDARD DEVIATION OF HS(METRES)=	1.7
STANDARD DEVIATION OF TP(SECONDS)=	2.3
LARGEST HS(METRES)=	13.4
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	220.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	73112412

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	.	1	.	.	.	.	.	.	.	6
2.0-2.9	18	80	23	1	6	1	.	.	.	.	129
3.0-3.9	.	97	25	3	15	3	.	.	.	.	143
4.0-4.9	.	18	78	5	1	.	.	.	.	.	102
5.0-5.9	.	.	42	1	.	1	3	.	.	.	47
6.0-6.9	.	.	10	25	.	.	.	.	.	.	35
7.0-7.9	.	.	.	3	.	.	.	.	.	.	3
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	23	195	179	38	23	5	3	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 8.1 MEAN TP(SEC)= 8.1 NO. OF CASES= 281.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	1	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	15	49	15	6	3	1	.	.	.	.	89
3.0-3.9	3	39	25	6	11	8	.	.	.	.	92
4.0-4.9	.	10	41	1	6	3	.	.	.	.	61
5.0-5.9	.	1	42	10	.	1	3	.	.	.	57
6.0-6.9	.	.	5	10	.	.	.	.	.	.	15
7.0-7.9	.	.	1	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18	100	129	33	20	13	3	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 7.3 MEAN TP(SEC)= 8.4 NO. OF CASES= 193.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	11	41	11	17	10	.	.	.	.	.	90
3.0-3.9	.	42	22	22	20	3	.	.	.	.	109
4.0-4.9	.	20	70	3	13	10	.	.	.	.	116
5.0-5.9	.	1	30	11	1	10	.	.	.	.	53
6.0-6.9	.	.	8	54	3	3	.	.	.	.	68
7.0-7.9	.	.	.	1	1	1	3	.	.	.	6
8.0-8.9	.	.	.	.	10	.	.	.	.	.	10
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	1	.	.	.	1
TOTAL	12	104	141	108	58	27	4	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 12.0 MEAN TP(SEC)= 9.1 NO. OF CASES= 275.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	1	6	.	.	.	.	.	.	.	13
2.0-2.9	18	22	32	23	15	.	.	.	.	.	110
3.0-3.9	.	34	20	18	22	3	.	.	.	.	97
4.0-4.9	.	17	58	8	25	35	.	.	.	.	143
5.0-5.9	.	.	30	20	3	13	.	.	.	.	66
6.0-6.9	.	.	3	27	23	.	1	.	.	.	54
7.0-7.9	.	.	.	1	10	10	3	.	.	.	24
8.0-8.9	.	.	.	.	3	8	.	.	.	.	11
9.0-9.9	.	.	.	.	1	6	.	.	.	.	7
10.0+	.	.	.	.	.	1	1	.	.	.	2
TOTAL	24	74	149	97	102	76	5	0	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 10.8 MEAN TP(SEC)= 9.6 NO. OF CASES= 300.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	6	10	.	.	.	.	.	.	.	21
2.0-2.9	13	44	49	17	3	.	.	.	.	.	126
3.0-3.9	.	77	25	13	34	15	.	.	.	.	164
4.0-4.9	.	23	61	6	32	80	20	.	.	.	232
5.0-5.9	.	.	27	17	6	22	6	.	.	.	78
6.0-6.9	.	.	1	23	23	11	5	.	.	.	63
7.0-7.9	.	.	.	3	17	5	11	.	.	.	35
8.0-8.9	.	.	.	.	.	15	1	.	.	.	16
9.0-9.9	.	.	.	.	.	3	.	.	.	.	3
10.0+											0
TOTAL	18	150	173	79	115	151	43	0	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 9.9 NO. OF CASES= 437.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	3	8	.	1	.	.	.	.	.	23
2.0-2.9	17	58	51	71	47	1	.	.	.	.	245
3.0-3.9	.	112	49	104	88	25	3	.	.	.	381
4.0-4.9	.	42	99	17	73	71	3	.	.	.	305
5.0-5.9	.	.	22	15	15	68	5	.	.	.	125
6.0-6.9	.	.	6	11	25	22	8	.	.	.	72
7.0-7.9	.	.	.	5	47	20	1	6	.	.	79
8.0-8.9	.	.	.	.	5	6	11	5	.	.	27
9.0-9.9	.	.	.	.	.	23	.	.	.	.	23
10.0+						3	8	.	.	.	11
TOTAL	28	215	235	223	301	239	39	11	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 13.3 MEAN TP(SEC)= 10.0 NO. OF CASES= 769.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	13	23	61	1	3	.	.	.	.	.	101
2.0-2.9	39	102	193	82	23	5	.	.	.	.	444
3.0-3.9	.	159	128	111	143	41	18	.	.	.	605
4.0-4.9	.	23	118	22	97	164	20	.	.	.	445
5.0-5.9	.	1	54	46	58	107	73	.	.	.	339
6.0-6.9	.	.	11	66	68	119	104	1	.	.	369
7.0-7.9	.	.	.	13	63	49	58	8	.	.	191
8.0-8.9	.	.	.	.	25	54	42	5	.	.	126
9.0-9.9	.	.	.	.	1	53	33	11	.	.	97
10.0+						18	17	.	.	.	35
TOTAL	52	308	565	341	486	610	366	25	0	0	

MEAN HS(M) = 4.8 LARGEST HS(M)= 12.4 MEAN TP(SEC)= 10.6 NO. OF CASES= 1624.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	32	101	54	5	5	.	.	.	.	.	200
2.0-2.9	68	153	513	231	72	.	.	.	.	.	1040
3.0-3.9	.	205	149	280	338	71	.	.	.	.	1030
4.0-4.9	.	39	321	55	200	270	11	.	.	.	896
5.0-5.9	.	1	178	77	89	304	112	.	.	.	762
6.0-6.9	.	.	17	63	99	118	164	3	.	.	464
7.0-7.9	.	.	.	15	126	61	85	8	.	.	295
8.0-8.9	.	.	.	.	27	49	32	11	.	.	119
9.0-9.9	.	.	.	.	1	34	10	.	.	.	45
10.0+						11	32	.	.	.	43
TOTAL	100	501	1093	740	1017	918	446	22	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 13.4 MEAN TP(SEC)= 10.4 NO. OF CASES= 2841.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	30					.	.	.	.	.	30
1.0-1.9	51	277	301	30	27	.	.	.	.	.	686
2.0-2.9	106	417	713	497	126	11	.	.	.	.	1870
3.0-3.9	1	451	352	571	605	183	1	.	.	.	2164
4.0-4.9	.	66	516	150	586	669	59	.	.	.	2046
5.0-5.9	.	5	176	266	186	556	165	.	.	.	1354
6.0-6.9	.	.	17	220	224	365	241	5	.	.	972
7.0-7.9	.	.	.	17	208	147	183	1	.	.	556
8.0-8.9	.	.	.	3	44	159	59	6	.	.	271
9.0-9.9	.	.	.	.	3	104	63	13	.	.	183
10.0+	.	.	.	.	.	22	73	.	.	.	95
TOTAL	188	1216	2075	1754	2009	2116	844	25	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 13.4 MEAN TP(SEC)= 10.3 NO. OF CASES= 5992.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	17	34	25			.	.	.	.	.	76
1.0-1.9	123	667	699	61	37	.	.	.	.	.	1597
2.0-2.9	186	773	1678	704	220	15	.	.	.	.	3576
3.0-3.9	1	758	501	888	1103	309	10	.	.	.	3570
4.0-4.9	.	71	513	258	932	1160	82	1	.	.	3017
5.0-5.9	.	1	277	321	323	1235	323	11	.	.	2491
6.0-6.9	.	.	46	191	277	508	455	1	.	.	1478
7.0-7.9	.	.	.	34	265	167	398	22	.	.	886
8.0-8.9	.	.	.	5	102	198	193	54	.	.	552
9.0-9.9	.	.	.	.	5	109	78	25	.	.	217
10.0+	.	.	.	.	.	39	94	10	.	.	143
TOTAL	327	2304	3739	2462	3264	3740	1633	124	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 14.3 MEAN TP(SEC)= 10.4 NO. OF CASES= 10297.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	41	61	51			.	.	.	.	.	153
1.0-1.9	258	864	1252	119	29	3	.	.	.	.	2525
2.0-2.9	164	954	2720	1411	448	68	3	.	.	.	5768
3.0-3.9	.	734	747	1755	2426	696	51	.	.	.	6409
4.0-4.9	.	85	703	319	1712	2064	177	.	.	.	5060
5.0-5.9	.	.	280	371	403	1738	592	.	.	.	3384
6.0-6.9	.	.	22	203	371	681	947	35	.	.	2259
7.0-7.9	.	.	3	17	268	352	574	54	.	.	1268
8.0-8.9	.	.	.	1	47	232	205	78	.	.	563
9.0-9.9	.	.	.	.	1	109	92	49	.	.	251
10.0+	.	.	.	.	1	39	131	23	.	.	194
TOTAL	463	2698	5778	4196	5706	6002	2772	239	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 14.7 MEAN TP(SEC)= 10.6 NO. OF CASES= 16296.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	35	6	20	11		.	.	.	.	.	72
1.0-1.9	260	653	939	210	61	20	.	.	.	.	2143
2.0-2.9	237	1131	2067	1247	414	83	29	.	.	.	5208
3.0-3.9	.	838	823	1242	1706	590	35	1	.	.	5235
4.0-4.9	.	47	633	282	1265	1677	213	1	.	.	4144
5.0-5.9	.	.	135	381	302	1136	352	10	.	.	2316
6.0-6.9	.	.	6	143	289	484	448	27	.	.	1397
7.0-7.9	.	.	.	5	123	254	280	70	.	.	702
8.0-8.9	.	.	.	.	11	126	71	29	.	.	237
9.0-9.9	.	.	.	.	.	54	46	13	.	.	113
10.0+	.	.	.	.	.	15	95	.	.	.	110
TOTAL	532	2675	4623	3521	4201	4405	1569	151	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 10.2 NO. OF CASES= 12684.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1	17	3	.	.	.	.	.	.	.	21
1.0-1.9	111	198	195	34	3	1	3	.	.	.	545
2.0-2.9	159	586	537	246	126	51	15	6	.	.	1726
3.0-3.9	3	506	438	441	400	119	17	.	.	.	1924
4.0-4.9	.	71	602	145	280	299	46	1	.	.	1444
5.0-5.9	.	.	145	168	92	249	59	5	.	.	733
6.0-6.9	.	.	10	87	82	112	58	3	.	.	352
7.0-7.9	.	.	.	13	42	47	17	.	.	.	119
8.0-8.9	.	.	.	.	6	25	17	5	.	.	53
9.0-9.9	.	.	.	.	.	25	8	1	.	.	34
10.0+						6	10				16
TOTAL	274	1378	1930	1152	1031	934	250	21	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 11.1 MEAN TP(SEC)= 9.5 NO. OF CASES= 4089.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9			5		.	.	.	.	.	.	5
1.0-1.9	63	46	35	1	.	6	.	.	.	.	151
2.0-2.9	65	232	135	46	22	5	6	.	.	.	511
3.0-3.9	.	239	135	80	66	15	5	.	.	.	540
4.0-4.9	.	58	260	27	56	27	17	.	.	.	445
5.0-5.9	.	1	104	80	23	29	1	.	.	.	238
6.0-6.9	.	.	8	51	20	8	.	.	.	.	87
7.0-7.9	.	.	.	13	25	6	.	.	.	.	44
8.0-8.9	.	.	.	.	3	3	.	.	.	.	6
9.0-9.9	.	.	.	.	.	1	.	.	.	.	1
10.0+						3	.	.	.	.	3
TOTAL	128	576	682	298	215	103	29	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 10.2 MEAN TP(SEC)= 8.7 NO. OF CASES= 1198.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9				.	.	.	.	.	.	.	0
1.0-1.9	1	20	13	.	.	3	.	.	.	.	37
2.0-2.9	39	184	30	6	3	3	1	.	.	.	266
3.0-3.9	.	258	59	20	32	11	.	.	.	.	380
4.0-4.9	.	41	179	11	25	15	.	.	.	.	271
5.0-5.9	.	1	78	47	5	11	1	.	.	.	143
6.0-6.9	.	.	15	75	15	5	.	.	.	.	110
7.0-7.9	.	.	.	20	30	1	.	.	.	.	51
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	40	504	374	179	111	49	2	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 8.0 MEAN TP(SEC)= 8.4 NO. OF CASES= 748.

STATION 21 51.96N 163.25W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9				.	.	.	.	.	.	.	0
1.0-1.9	1	13	6	.	.	1	.	.	.	.	21
2.0-2.9	27	104	27	.	1	8	.	.	.	.	167
3.0-3.9	.	111	25	11	11	6	.	.	.	.	164
4.0-4.9	.	29	109	3	6	5	.	.	.	.	152
5.0-5.9	.	.	66	18	3	11	.	.	.	.	98
6.0-6.9	.	.	5	35	3	5	.	.	.	.	48
7.0-7.9	.	.	.	5	5	.	.	.	.	.	10
8.0-8.9	.	.	.	.	1	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	28	257	238	72	30	36	0	0	0	0	

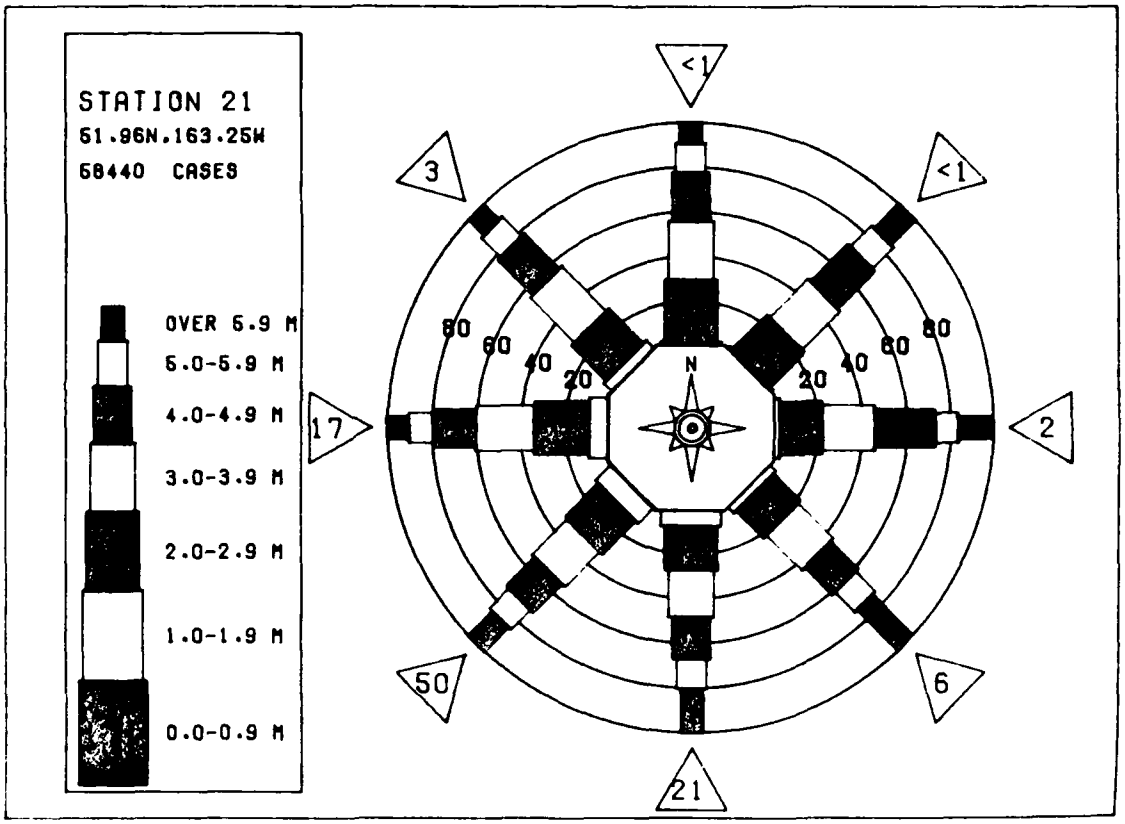
MEAN HS(M) = 3.9 LARGEST HS(M)= 8.1 MEAN TP(SEC)= 8.4 NO. OF CASES= 396.

STATION 21 51.96N 163.25W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	12	11	10	1	.	.	.	.	.	.	34
1.0-1.9	94	288	358	46	16	3	.	.	.	.	805
2.0-2.9	118	493	880	461	154	25	5	.	.	.	2136
3.0-3.9	1	466	350	558	703	219	14	.	.	.	2311
4.0-4.9	.	66	428	132	540	657	65	.	.	.	1888
5.0-5.9	.	1	165	187	151	549	170	2	.	.	1225
6.0-6.9	.	.	19	129	152	234	243	7	.	.	784
7.0-7.9	.	.	.	17	123	109	161	17	.	.	427
8.0-8.9	.	.	.	1	29	88	63	19	.	.	200
9.0-9.9	.	.	.	.	1	52	33	11	.	.	97
10.0+	.	.	.	.	.	16	46	3	.	.	65
TOTAL	225	1325	2210	1532	1869	1943	800	59	0	0	

MEAN HS(M)= 4.1 LARGEST HS(M)= 14.7 MEAN TP(SEC)= 10.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 21 (51.96N 163.25W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.8	4.9	4.8	4.5	4.4	2.8	2.5	2.8	3.9	3.7	5.0	4.9	4.0
1957	5.8	4.5	5.3	4.4	3.2	2.4	2.0	2.5	3.4	4.5	6.2	5.6	4.2
1958	6.0	4.6	5.1	4.5	3.7	3.1	3.2	2.3	3.4	4.5	5.3	5.0	4.2
1959	5.6	5.1	4.3	4.2	3.1	2.2	2.1	2.5	3.5	4.6	5.7	5.7	4.1
1960	6.1	5.3	3.5	3.3	3.0	2.6	2.0	2.9	2.7	5.1	5.6	5.9	4.0
1961	6.1	4.7	4.3	4.1	3.5	2.0	2.6	2.9	3.2	4.4	5.7	5.1	4.0
1962	5.6	4.9	4.6	3.3	3.1	2.5	2.0	3.0	3.1	4.8	5.7	5.1	4.0
1963	7.1	4.5	4.7	3.4	3.0	3.3	2.2	2.6	3.3	4.8	4.7	5.7	4.1
1964	5.9	6.5	5.0	4.3	2.7	2.4	2.9	3.0	3.4	4.0	5.5	4.3	4.1
1965	4.4	5.6	5.6	3.8	3.5	3.1	2.4	2.6	3.7	4.1	4.9	5.5	4.1
1966	5.8	5.5	3.8	4.1	3.3	2.5	3.1	3.0	3.3	4.1	3.9	5.0	4.0
1967	5.4	6.0	4.1	3.9	2.7	2.6	2.1	2.7	3.5	3.9	6.2	5.3	4.0
1968	4.5	4.9	4.1	4.1	2.5	2.0	2.6	2.8	3.0	3.8	5.9	4.9	3.7
1969	4.5	5.9	5.2	4.6	3.3	3.2	2.2	2.1	3.7	4.6	5.1	6.6	4.2
1970	4.9	6.5	6.4	5.2	2.7	3.0	2.8	2.8	3.1	4.3	4.2	5.5	4.3
1971	5.2	5.1	5.4	4.3	3.6	2.9	2.0	3.1	3.1	4.3	5.6	6.3	4.2
1972	6.4	4.5	4.5	4.4	3.7	3.7	2.4	2.9	3.8	5.0	6.6	5.6	4.5
1973	5.7	6.0	6.3	4.3	3.7	3.1	3.2	3.1	4.0	4.9	5.1	6.3	4.6
1974	6.3	5.7	4.8	4.7	4.3	2.7	2.5	3.0	3.0	4.5	6.2	5.9	4.5
1975	4.7	4.6	4.8	3.7	3.1	2.7	2.7	2.0	2.4	4.0	4.8	4.8	3.7
MEAN	5.5	5.3	4.8	4.1	3.3	2.7	2.5	2.7	3.3	4.4	5.4	5.5	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 21 (51.96N 163.25W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	6.8	9.7	10.4	9.4	6.5	7.3	4.2	6.5	8.9	5.8	9.0	7.7
1957	11.6	7.5	9.0	6.9	6.7	6.3	3.8	5.7	5.1	9.9	11.2	8.9
1958	12.9	10.1	13.3	7.5	6.5	5.7	4.6	4.0	9.6	8.7	11.1	8.6
1959	8.8	11.0	6.5	9.3	6.5	3.8	3.8	4.6	11.3	7.7	10.8	12.6
1960	9.1	10.7	8.0	5.7	4.8	4.5	4.4	4.6	4.0	10.4	11.0	9.7
1961	10.6	6.3	8.5	7.1	5.2	3.4	3.7	5.9	6.0	6.8	10.4	9.2
1962	8.2	7.5	7.5	7.5	6.2	6.1	4.0	5.5	6.7	10.7	9.1	8.5
1963	10.2	8.2	9.2	5.7	4.5	7.2	3.8	4.9	6.1	9.4	8.3	11.0
1964	9.6	11.4	8.3	7.8	6.5	3.9	5.2	7.1	6.6	9.4	12.4	5.9
1965	7.3	12.3	11.4	7.2	6.5	7.1	3.8	5.5	6.6	7.6	12.5	12.7
1966	9.7	11.0	6.0	6.5	6.6	4.4	6.3	5.4	7.9	9.4	9.7	9.5
1967	11.1	13.4	8.8	7.0	6.1	4.2	3.7	5.1	6.3	7.9	9.7	9.1
1968	7.6	9.4	7.3	7.4	6.2	3.4	4.1	5.3	7.2	7.6	8.3	10.1
1969	7.9	10.8	10.6	7.5	7.5	5.5	3.2	4.8	7.4	7.1	8.6	9.7
1970	8.7	9.8	9.4	9.0	4.5	8.7	4.8	4.8	7.7	7.7	8.4	10.7
1971	9.2	8.4	13.0	8.4	6.1	6.2	3.6	6.4	5.7	7.4	14.3	12.8
1972	10.1	8.2	12.0	8.1	8.5	6.8	5.2	5.5	7.7	12.7	13.4	10.4
1973	10.2	10.3	14.1	6.4	6.4	6.2	4.9	5.9	7.7	12.1	14.7	10.4
1974	13.3	10.5	7.7	6.8	8.9	5.3	5.4	7.3	4.6	9.1	10.2	10.2
1975	8.6	8.8	9.1	7.5	6.5	5.6	6.2	3.2	5.5	10.6	9.1	10.3

20 YR. STATISTICS FOR PACIFIC STATION 21 (51.96N 163.25W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	4.1
MEAN PEAK WAVE PERIOD (SECONDS)=	10.3
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	2.2
LARGEST HS(METRES)=	14.7
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	232.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	73112412

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	22	39	10	5	8	5	.	.	.	.	89
3.0-3.9	.	71	23	11	8	3	.	.	.	.	116
4.0-4.9	.	18	47	3	3	.	1	.	.	.	72
5.0-5.9	.	.	53	1	1	1	1	.	.	.	57
6.0-6.9	.	.	.	10	3	.	.	.	.	.	13
7.0-7.9	.	.	.	.	1	1	.	.	.	.	2
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22	128	133	30	24	10	2	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 7.3 MEAN TP(SEC)= 8.3 NO. OF CASES= 212.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	3	20	35	6	13	1	.	.	.	.	78
3.0-3.9	.	61	13	10	6	3	.	.	.	.	93
4.0-4.9	.	27	56	1	5	5	.	.	.	.	94
5.0-5.9	.	1	53	1	3	1	.	.	.	.	59
6.0-6.9	.	.	5	8	.	.	.	.	.	.	13
7.0-7.9	.	.	.	1	.	1	.	.	.	.	2
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	109	163	27	27	11	0	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 7.6 MEAN TP(SEC)= 8.6 NO. OF CASES= 207.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	6	.	.	.	.	.	.	.	9
2.0-2.9	5	29	15	18	15	1	.	.	.	.	83
3.0-3.9	.	53	23	6	11	3	.	.	.	.	96
4.0-4.9	.	22	39	13	6	10	1	.	.	.	91
5.0-5.9	.	.	27	10	6	8	.	.	.	.	51
6.0-6.9	.	.	5	42	3	1	3	.	.	.	54
7.0-7.9	.	.	.	5	5	5	.	.	.	.	15
8.0-8.9	.	.	.	.	.	1	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	1	.	.	.	1
TOTAL	8	104	115	94	46	29	5	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 12.0 MEAN TP(SEC)= 9.1 NO. OF CASES= 244.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-16.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	.	18	.	.	.	.	.	.	.	28
2.0-2.9	17	15	8	20	8	.	.	.	.	.	68
3.0-3.9	.	63	39	13	10	1	.	.	.	.	126
4.0-4.9	.	13	88	15	25	39	5	.	.	.	185
5.0-5.9	.	.	59	23	18	10	.	.	.	.	110
6.0-6.9	.	.	8	29	6	15	6	.	.	.	64
7.0-7.9	.	.	.	25	18	.	.	.	.	.	43
8.0-8.9	.	.	.	.	15	6	.	.	.	.	21
9.0-9.9	.	.	.	.	.	1	3	.	.	.	4
10.0+	.	.	.	.	.	5	1	.	.	.	6
TOTAL	27	91	220	125	100	77	15	0	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 11.0 MEAN TP(SEC)= 9.5 NO. OF CASES= 394.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	6	13	.	.	.	.	.	.	.	25
2.0-2.9	23	56	20	35	22	.	.	.	.	.	153
3.0-3.9	.	102	39	27	47	3	3	.	.	.	221
4.0-4.9	.	29	135	11	42	34	15	.	.	.	266
5.0-5.9	.	.	58	29	23	23	13	.	.	.	146
6.0-6.9	.	.	8	30	22	10	11	.	.	.	81
7.0-7.9	.	.	.	11	39	8	3	.	.	.	61
8.0-8.9	.	.	.	1	17	15	.	.	.	.	33
9.0-9.9	.	.	.	.	5	10	.	.	.	.	15
10.0+	.	.	.	.	.	11	.	.	.	.	11
TOTAL	29	193	273	141	217	114	45	0	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 9.6 NO. OF CASES= 604.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	13	8	.	3	.	.	.	.	.	25
2.0-2.9	32	68	82	77	39	8	.	.	.	.	306
3.0-3.9	1	191	41	85	65	23	1	.	.	.	406
4.0-4.9	.	46	100	18	61	56	.	.	.	.	282
5.0-5.9	.	.	82	25	29	63	10	.	.	.	209
6.0-6.9	.	.	8	44	8	51	20	.	.	.	131
7.0-7.9	.	.	.	10	42	35	20	.	.	.	107
8.0-8.9	.	.	.	.	22	41	13	.	.	.	76
9.0-9.9	.	.	.	.	3	15	5	.	.	.	23
10.0+	.	.	.	.	.	6	13	.	.	.	19
TOTAL	34	318	321	259	292	298	82	0	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 9.9 NO. OF CASES= 950.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	22	49	59	3	.	.	.	.	.	.	133
2.0-2.9	77	195	236	131	20	.	.	.	.	.	659
3.0-3.9	.	195	92	184	203	49	5	.	.	.	728
4.0-4.9	.	30	123	35	198	174	18	.	.	.	578
5.0-5.9	.	.	73	88	73	200	100	.	.	.	534
6.0-6.9	.	.	18	73	51	87	164	5	.	.	333
7.0-7.9	.	.	.	30	54	42	77	6	.	.	209
8.0-8.9	.	.	.	.	37	49	55	5	.	.	146
9.0-9.9	.	.	.	.	1	41	30	11	.	.	83
10.0+	.	.	.	.	.	1	10	.	.	.	11
TOTAL	99	469	601	544	637	643	436	27	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 10.8 MEAN TP(SEC)= 10.4 NO. OF CASES= 2034.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	39	96	213	5	.	.	.	.	.	.	349
2.0-2.9	90	217	489	272	107	5	.	.	.	.	1180
3.0-3.9	.	273	143	354	351	104	.	.	.	.	1225
4.0-4.9	.	46	207	80	230	337	23	.	.	.	923
5.0-5.9	.	5	85	66	118	328	150	1	.	.	753
6.0-6.9	.	.	15	88	82	145	169	11	.	.	510
7.0-7.9	.	.	.	11	124	49	83	3	.	.	270
8.0-8.9	.	.	.	.	20	44	54	11	.	.	129
9.0-9.9	.	.	.	.	.	17	17	.	.	.	34
10.0+	.	.	.	.	.	5	10	.	.	.	15
TOTAL	131	636	1152	886	1002	1034	506	26	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 11.6 MEAN TP(SEC)= 10.3 NO. OF CASES= 3154.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	17	6	.	.	.	.	.	.	.	.	23
1.0-1.9	63	237	391	35	.	.	.	.	.	.	726
2.0-2.9	100	355	865	530	138	13	.	.	.	.	2001
3.0-3.9	.	462	268	574	682	164	3	.	.	.	2153
4.0-4.9	.	71	438	177	614	689	42	.	.	.	2031
5.0-5.9	.	5	174	188	148	448	109	.	.	.	1072
6.0-6.9	.	.	25	172	123	208	241	1	.	.	770
7.0-7.9	.	.	.	25	150	112	169	11	.	.	467
8.0-8.9	.	.	.	3	49	157	119	22	.	.	350
9.0-9.9	.	.	.	.	6	58	20	3	.	.	87
10.0+						20	27				47
TOTAL	180	1136	2161	1704	1910	1869	730	37	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 11.4 MEAN TP(SEC)= 10.3 NO. OF CASES= 5702.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	22	46	18	.	.	.	.	.	.	.	86
1.0-1.9	123	660	807	68	15	.	.	.	.	.	1673
2.0-2.9	171	616	1714	884	280	15	1	.	.	.	3681
3.0-3.9	3	578	393	1146	1478	260	5	.	.	.	3863
4.0-4.9	.	83	527	256	954	1360	53	.	.	.	3233
5.0-5.9	.	3	207	260	323	1389	242	.	.	.	2424
6.0-6.9	.	.	30	210	239	429	492	.	.	.	1400
7.0-7.9	.	.	.	22	174	248	373	6	.	.	823
8.0-8.9	.	.	.	6	63	193	188	51	.	.	501
9.0-9.9	.	.	.	.	3	191	68	29	.	.	291
10.0+						44	71	13			128
TOTAL	319	1986	3696	2852	3529	4129	1493	99	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 13.6 MEAN TP(SEC)= 10.4 NO. OF CASES= 10594.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	6	41	25	.	.	.	.	.	.	.	72
1.0-1.9	229	941	1194	94	37	1	.	.	.	.	2496
2.0-2.9	191	1042	2943	1148	316	17	10	.	.	.	5667
3.0-3.9	.	739	728	1540	2417	612	42	.	.	.	6078
4.0-4.9	.	85	694	326	1694	1964	164	.	.	.	4927
5.0-5.9	.	1	338	364	400	1637	537	.	.	.	3277
6.0-6.9	.	.	30	171	357	706	862	18	.	.	2144
7.0-7.9	.	.	.	25	244	319	535	63	.	.	1186
8.0-8.9	.	.	.	1	49	232	177	66	.	.	525
9.0-9.9	.	.	.	.	6	130	77	32	.	.	245
10.0+						56	136	30			222
TOTAL	426	2849	5952	3669	5520	5674	2560	209	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 14.9 MEAN TP(SEC)= 10.5 NO. OF CASES= 15714.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	30		22	.	.	.	.	.	.	.	52
1.0-1.9	231	475	619	135	11	17	.	.	.	.	1438
2.0-2.9	157	1137	2019	1057	309	46	44	.	.	.	4769
3.0-3.9	.	942	802	1211	1704	494	35	3	.	.	5191
4.0-4.9	.	85	824	323	1346	1610	124	3	.	.	4315
5.0-5.9	.	.	159	439	268	1201	321	8	.	.	2396
6.0-6.9	.	.	13	169	331	467	403	29	.	.	1412
7.0-7.9	.	.	.	.	200	205	232	32	.	.	669
8.0-8.9	.	.	.	1	22	119	115	29	.	.	283
9.0-9.9	.	.	.	.	.	104	51	15	.	.	170
10.0+						20	111				131
TOTAL	418	2639	4458	3335	4191	4283	1433	119	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 13.7 MEAN TP(SEC)= 10.3 NO. OF CASES= 12216.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	13		8	5							26
1.0-1.9	112	268	219	39	29	25					692
2.0-2.9	66	624	604	306	65	68					1733
3.0-3.9		723	475	417	340	78	15	3			2051
4.0-4.9		56	605	165	302	277	29				1434
5.0-5.9		3	169	270	167	193	17	1			820
6.0-6.9			3	142	112	80	47				384
7.0-7.9				8	68	35	22				133
8.0-8.9				1	8	39	17	1			66
9.0-9.9						27	5	1			33
10.0+						10	22				32
TOTAL	191	1674	2083	1353	1091	832	174	6	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 11.6 MEAN TP(SEC)= 9.4 NO. OF CASES= 4342.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	10										10
1.0-1.9	58	46	63		6	1					174
2.0-2.9	58	239	155	51	20	17					540
3.0-3.9		273	148	53	61	22	1				558
4.0-4.9		39	220	25	54	29	1				368
5.0-5.9			107	77	27	39	1				251
6.0-6.9				39	11	13					63
7.0-7.9				8	18	8					34
8.0-8.9						3					3
9.0-9.9					1	5					6
10.0+						3					3
TOTAL	126	597	693	253	198	140	3	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 8.6 NO. OF CASES= 1186.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	11	22	17	3		1					54
2.0-2.9	37	244	53	23	10	1					368
3.0-3.9		225	44	42	8	3					322
4.0-4.9		27	104	15	3	11	1				161
5.0-5.9		1	66	32	8	3					110
6.0-6.9			8	22	6	1					37
7.0-7.9				3	8	1					12
8.0-8.9					8	1					9
9.0-9.9					1						1
10.0+											0
TOTAL	48	519	292	140	52	22	1	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 8.1 NO. OF CASES= 640.

STATION 22 51.82N 166.48W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	3		1	1							5
2.0-2.9	10	54	22	5	5	3					99
3.0-3.9		109	23	1	6						139
4.0-4.9		22	53		8	5	1				89
5.0-5.9			41	6	3	1					51
6.0-6.9			3	13	10						26
7.0-7.9				1							1
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	13	185	143	27	32	9	1	0	0	0	

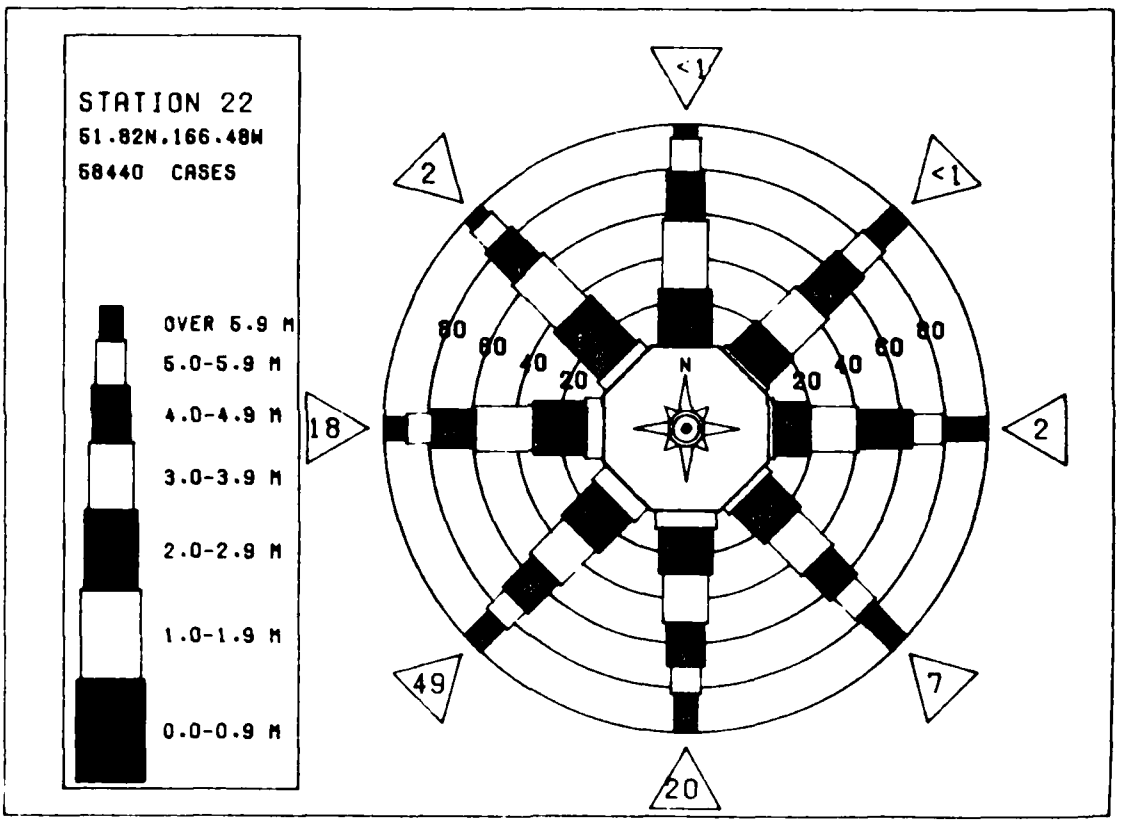
MEAN HS(M) = 3.9 LARGEST HS(M)= 7.2 MEAN TP(SEC)= 8.2 NO. OF CASES= 247.

STATION 22 51.82N 166.48W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	10	9	7	.	.	.	.	.	.	.	26
1.0-1.9	91	281	363	38	10	4	.	.	.	.	737
2.0-2.9	106	495	927	457	138	20	5	.	.	.	2148
3.0-3.9	.	506	330	568	740	182	11	.	.	.	2337
4.0-4.9	.	71	426	148	554	660	48	.	.	.	1907
5.0-5.9	.	2	175	188	162	555	150	1	.	.	1233
6.0-6.9	.	.	18	126	137	221	244	6	.	.	752
7.0-7.9	.	.	.	19	115	107	151	12	.	.	404
8.0-8.9	.	.	.	1	31	90	71	18	.	.	211
9.0-9.9	.	.	.	.	3	60	27	9	.	.	99
10.0+	.	.	.	.	.	18	40	4	.	.	62
TOTAL	207	1364	2246	1545	1890	1917	747	50	0	0	

MEAN HS(M)= 4.1 LARGEST HS(M)= 14.9 MEAN TP(SEC)= 10.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 22 (51.82N 166.48W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.6	5.1	4.6	4.6	4.4	2.8	2.7	2.8	4.1	3.7	4.7	5.0	4.0
1957	5.9	4.5	5.3	4.5	3.5	2.5	2.0	2.6	3.2	4.6	6.2	5.7	4.2
1958	5.9	4.4	5.2	4.6	3.8	3.0	3.1	2.3	3.5	4.6	5.4	4.8	4.2
1959	5.3	5.1	4.2	4.2	3.2	2.5	2.1	2.6	3.3	4.8	5.5	5.6	4.0
1960	6.2	5.4	3.5	3.3	3.0	2.0	2.1	2.9	2.7	5.2	5.3	5.9	4.0
1961	6.0	4.6	4.2	4.2	3.5	2.0	2.6	2.8	3.1	4.4	5.8	4.9	4.0
1962	5.3	5.0	4.7	3.0	3.0	2.5	2.2	3.1	3.2	4.9	5.7	5.2	4.1
1963	7.0	4.3	4.8	3.4	3.0	3.3	2.3	2.7	3.3	4.7	4.6	5.7	4.2
1964	5.7	6.3	5.1	4.3	2.7	2.4	3.0	3.1	3.6	4.1	5.5	4.3	4.1
1965	4.5	5.7	5.5	3.9	3.4	2.9	2.5	2.7	3.5	4.1	5.2	5.6	4.1
1966	5.9	5.6	3.7	4.1	3.3	2.4	3.0	2.9	3.1	4.0	4.0	5.0	3.8
1967	5.3	5.8	4.2	3.8	2.6	2.5	2.3	2.6	3.3	3.9	6.2	5.2	4.0
1968	4.6	4.7	4.1	4.0	3.6	2.0	2.6	2.7	2.9	3.7	5.0	4.8	3.6
1969	4.6	5.7	5.0	4.5	3.3	2.9	2.2	2.1	3.7	4.7	5.0	6.4	4.2
1970	4.7	6.3	6.2	5.2	3.6	3.0	2.6	2.7	3.0	4.3	4.4	5.5	4.2
1971	5.3	4.9	5.4	4.3	3.4	2.8	2.1	3.0	3.2	4.2	5.6	6.4	4.5
1972	6.7	4.4	4.5	4.4	3.8	3.7	2.4	3.1	3.9	4.9	6.7	5.6	4.5
1973	5.8	6.2	6.2	4.1	3.6	3.0	3.2	3.1	4.2	4.7	5.4	6.3	4.6
1974	6.2	5.4	4.8	4.6	4.3	2.7	2.7	3.1	3.2	4.3	6.2	5.7	4.4
1975	4.7	4.6	4.8	3.9	3.0	2.7	2.7	2.1	2.4	4.0	4.9	4.8	3.7
MEAN	5.5	5.2	4.8	4.1	3.3	2.7	2.5	2.8	3.3	4.4	5.4	5.4	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 22 (51.82N 166.48W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.2	10.0	11.6	9.8	6.6	7.5	4.5	6.5	9.2	6.4	8.8	7.7
1957	10.4	8.0	9.4	7.7	6.4	4.7	4.1	5.3	4.9	8.0	10.9	8.6
1958	11.8	10.0	11.8	8.6	7.2	5.4	4.6	4.2	8.2	10.0	11.4	9.2
1959	9.2	11.2	7.0	9.7	7.7	3.6	3.6	5.3	10.2	8.9	10.0	13.7
1960	9.8	10.4	8.1	5.6	5.2	4.2	4.6	4.5	3.6	11.5	10.0	9.5
1961	10.5	6.1	7.9	7.3	6.0	3.8	4.7	6.1	4.6	7.5	10.7	8.1
1962	7.9	7.0	8.1	6.8	5.5	6.1	4.4	5.9	6.0	12.1	6.7	9.0
1963	9.8	7.6	10.4	6.2	4.8	5.7	3.8	4.3	7.0	9.4	8.0	11.6
1964	9.9	11.0	9.6	8.2	5.5	3.9	5.7	8.2	6.7	9.4	11.9	6.8
1965	7.7	11.2	9.3	8.0	6.7	6.8	4.1	5.3	5.8	9.1	12.2	12.5
1966	9.7	11.0	6.6	6.8	6.9	4.5	5.7	4.4	6.0	8.1	9.0	9.6
1967	12.9	11.3	8.5	6.6	5.0	4.0	4.1	5.2	6.2	9.3	10.5	8.2
1968	7.4	8.7	8.1	7.6	6.6	3.4	4.1	5.0	6.7	6.6	9.4	10.6
1969	7.9	10.5	9.8	7.1	6.8	4.7	3.2	5.2	7.4	8.7	9.8	9.0
1970	8.6	9.6	9.2	9.3	4.2	9.6	5.5	5.2	6.6	6.8	8.9	10.5
1971	9.5	8.4	14.1	8.5	6.7	5.5	3.0	6.3	5.7	7.2	12.0	12.2
1972	10.3	7.1	12.0	9.6	7.4	6.4	4.3	6.1	7.0	9.3	10.8	10.5
1973	11.1	9.4	13.6	6.3	6.8	5.3	5.5	6.4	7.7	11.6	14.9	10.0
1974	13.0	10.2	8.2	7.0	9.0	5.3	7.2	6.7	6.2	8.4	10.2	10.2
1975	8.6	8.5	8.4	7.4	6.1	5.1	7.2	3.4	4.7	12.4	9.4	10.8

20 YR. STATISTICS FOR PACIFIC STATION 22 (51.82N 166.48W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	4.1
MEAN PEAK WAVE PERIOD (SECONDS)=	10.3
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	2.2
LARGEST HS(METRES)=	14.9
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIPECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	218.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	73112406

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	1	10	.	.	.	.	.	.	.	21
2.0-2.9	10	47	22	15	1	1	.	.	.	.	96
3.0-3.9	.	83	47	13	6	6	.	3	.	.	158
4.0-4.9	.	15	140	8	.	1	1	.	.	.	165
5.0-5.9	.	.	56	42	.	5	.	.	.	.	103
6.0-6.9	.	.	.	49	15	.	.	.	.	.	64
7.0-7.9	.	.	.	3	13	.	.	.	.	.	16
8.0-8.9	.	.	.	.	5	1	.	.	.	.	6
9.0-9.9	.	.	.	.	.	6	.	.	.	.	6
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	146	275	130	40	20	1	3	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 9.2 MEAN TP(SEC)= 8.8 NO. OF CASES= 381.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	8	5	.	.	.	.	.	.	.	14
2.0-2.9	1	54	23	11	8	.	.	.	.	.	97
3.0-3.9	.	83	47	15	27	3	.	1	.	.	176
4.0-4.9	.	11	42	.	13	11	3	.	.	.	80
5.0-5.9	.	.	47	13	5	3	1	.	.	.	69
6.0-6.9	.	.	.	49	6	1	.	.	.	.	56
7.0-7.9	.	.	.	5	8	.	.	.	.	.	13
8.0-8.9	.	.	.	.	13	1	.	.	.	.	14
9.0-9.9	.	.	.	.	.	1	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	156	164	93	80	20	4	1	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 9.3 MEAN TP(SEC)= 9.0 NO. OF CASES= 316.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	18	3	3	.	.	.	.	.	.	29
2.0-2.9	15	42	27	27	18	.	.	.	.	.	129
3.0-3.9	.	112	29	15	42	3	1	.	.	.	202
4.0-4.9	.	17	29	13	15	29	10	.	.	.	113
5.0-5.9	.	.	59	23	20	22	5	.	.	.	129
6.0-6.9	.	.	10	42	15	3	.	.	.	.	70
7.0-7.9	.	.	.	8	34	.	.	.	.	.	42
8.0-8.9	.	.	.	.	6	.	.	.	.	.	6
9.0-9.9	.	.	.	.	.	3	.	.	.	.	3
10.0+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	20	189	157	131	150	61	16	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 9.4 NO. OF CASES= 433.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	11	15	3	.	.	.	.	.	.	40
2.0-2.9	49	68	15	37	25	1	.	.	.	.	195
3.0-3.9	.	100	47	37	51	10	.	.	.	.	245
4.0-4.9	.	17	109	.	34	35	.	.	.	.	195
5.0-5.9	.	1	73	65	10	23	6	.	.	.	178
6.0-6.9	.	.	13	37	25	18	.	.	.	.	93
7.0-7.9	.	.	.	8	23	6	1	.	.	.	38
8.0-8.9	.	.	.	.	11	23	.	.	.	.	34
9.0-9.9	.	.	.	.	3	22	.	.	.	.	25
10.0+	.	.	.	.	.	20	.	.	.	.	20
TOTAL	60	197	272	187	182	158	7	0	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 10.8 MEAN TP(SEC)= 9.4 NO. OF CASES= 635.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	18	20	6	.	.	.	.	.	.	49
2.0-2.9	18	68	44	56	18	.	.	.	.	.	204
3.0-3.9	.	118	53	46	65	22	.	1	.	.	305
4.0-4.9	.	32	193	13	53	44	6	.	.	.	341
5.0-5.9	.	3	116	47	13	34	17	.	.	.	230
6.0-6.9	.	.	15	66	30	25	10	.	.	.	146
7.0-7.9	.	.	.	18	46	15	1	.	.	.	80
8.0-8.9	.	.	.	.	20	17	.	.	.	.	37
9.0-9.9	.	.	.	.	.	8	.	.	.	.	8
10.0+											0
TOTAL	23	239	441	252	245	165	34	1	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 9.6 NO. OF CASES= 829.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	13	46	18	.	.	.	.	.	.	.	77
2.0-2.9	49	107	123	54	6	13	.	.	.	.	352
3.0-3.9	.	217	78	87	124	29	.	1	.	.	536
4.0-4.9	.	34	136	37	116	118	10	.	.	.	451
5.0-5.9	.	1	107	54	30	90	73	.	.	.	355
6.0-6.9	.	1	11	90	22	35	71	.	.	.	230
7.0-7.9	.	.	1	11	51	35	35	.	.	.	133
8.0-8.9	.	.	.	1	29	35	22	6	.	.	93
9.0-9.9	.	.	.	.	.	20	6	.	.	.	26
10.0+						3	15				18
TOTAL	62	406	474	334	378	378	232	7	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 12.1 MEAN TP(SEC)= 10.1 NO. OF CASES= 1344.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	29	29	85	6	.	.	.	.	.	.	149
2.0-2.9	59	248	287	219	56	1	.	.	.	.	870
3.0-3.9	.	296	107	150	244	83	3	.	.	.	883
4.0-4.9	.	47	171	37	198	176	42	.	.	.	671
5.0-5.9	.	5	124	71	94	254	68	.	.	.	616
6.0-6.9	.	.	32	78	35	77	121	18	.	.	361
7.0-7.9	.	.	.	13	61	41	34	8	.	.	157
8.0-8.9	.	.	.	.	37	56	42	8	.	.	143
9.0-9.9	.	.	.	.	1	18	3	.	.	.	22
10.0+						5					5
TOTAL	88	625	806	574	726	711	313	34	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 10.3 MEAN TP(SEC)= 10.2 NO. OF CASES= 2280.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGEP	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	17	128	299	8	.	.	.	.	.	.	452
2.0-2.9	90	224	513	308	106	.	.	.	.	.	1241
3.0-3.9	.	287	157	331	420	116	1	.	.	.	1312
4.0-4.9	.	51	229	85	251	306	18	.	.	.	940
5.0-5.9	.	6	124	59	90	249	116	5	.	.	649
6.0-6.9	.	.	20	107	71	123	164	1	.	.	486
7.0-7.9	.	.	.	17	87	44	104	3	.	.	255
8.0-8.9	.	.	.	1	10	54	51	.	.	.	116
9.0-9.9	.	.	.	.	.	18	10	.	.	.	28
10.0+						6	6				12
TOTAL	107	696	1342	916	1035	916	470	9	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 11.0 MEAN TP(SEC)= 10.2 NO. OF CASES= 3223.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	34	29									63
1.0-1.9	97	345	424	30	10						906
2.0-2.9	121	408	828	486	167	3					2013
3.0-3.9		434	335	622	636	100	1				2128
4.0-4.9		63	439	174	655	480	5				1816
5.0-5.9		6	172	167	136	573	88				1144
6.0-6.9			22	133	179	266	205	1			806
7.0-7.9				11	191	114	125	3			445
8.0-8.9				1	42	102	88	10			243
9.0-9.9					6	63	41	1			111
10.0+						27	46	6			79
TOTAL	252	1285	2220	1564	2024	1728	600	21	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 10.1 NO. OF CASES= 5633.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	3	20	17								40
1.0-1.9	195	751	886	66	11						1910
2.0-2.9	169	751	1689	600	234	5	3				3451
3.0-3.9	1	562	540	1047	1214	266	10				3640
4.0-4.9		85	653	287	1016	1023	46				3110
5.0-5.9		3	239	347	328	994	220				2131
6.0-6.9			32	225	314	340	432	10			1353
7.0-7.9				27	227	277	316	5			852
8.0-8.9				1	41	234	181	29			486
9.0-9.9					6	124	51	17			193
10.0+						41	112	22			175
TOTAL	369	2172	4256	2600	3391	3504	1371	83	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 14.8 MEAN TP(SEC)= 10.2 NO. OF CASES= 10270.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	11		5								16
1.0-1.9	241	954	997	183	18						2393
2.0-2.9	176	1078	2474	989	241	30	15				5003
3.0-3.9	1	681	787	1331	2135	456	41				5432
4.0-4.9		56	761	323	1539	1666	124				4469
5.0-5.9		1	290	521	405	1603	431				3251
6.0-6.9			20	179	335	662	728	6			1930
7.0-7.9				17	282	316	426	71			1112
8.0-8.9					46	246	116	44			452
9.0-9.9					6	167	66	25			264
10.0+						51	164	17			232
TOTAL	429	2770	5334	3543	5006	5197	2111	163	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 15.2 MEAN TP(SEC)= 10.4 NO. OF CASES= 1434[illegible].

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	25		10								35
1.0-1.9	152	417	491	41	11	13					1125
2.0-2.9	176	1042	1759	751	177	68	8				3981
3.0-3.9		983	728	1023	1420	342	20				4516
4.0-4.9		47	631	314	1220	1491	97				3799
5.0-5.9			157	319	284	1115	304	3			2182
6.0-6.9			3	143	318	424	350	23			1261
7.0-7.9				1	176	215	203	17			612
8.0-8.9					27	114	107	20			268
9.0-9.9					1	63	48	10			122
10.0+						34	118	6			152
TOTAL	353	2489	3779	2592	3634	3869	1243	79	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 15.3 MEAN TP(SEC)= 10.3 NO. OF CASES= 10558.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	3		3	1							7
1.0-1.9	140	313	184	49	20	8					714
2.0-2.9	124	674	805	308	30	49					1990
3.0-3.9		689	549	549	405	119	13				2324
4.0-4.9		65	600	171	386	258	17				1497
5.0-5.9		3	224	266	147	212	11				863
6.0-6.9			3	130	116	83	29				361
7.0-7.9				11	82	54	13				160
8.0-8.9					20	47	22				89
9.0-9.9						35	5				43
10.0+						18	27	1			46
TOTAL	267	1744	2368	1485	1206	883	137	1	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 13.1 MEAN TP(SEC)= 9.3 NO. OF CASES= 4743.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	5										5
1.0-1.9	34	111	59	3							207
2.0-2.9	59	343	285	73	18	15					793
3.0-3.9		335	227	133	92	10	6				803
4.0-4.9		20	308	56	95	35	3				517
5.0-5.9			123	82	37	58					300
6.0-6.9				70	56	29					155
7.0-7.9				5	17	15					37
8.0-8.9					6	13	3				22
9.0-9.9						15	1	3			19
10.0+											0
TOTAL	98	809	1002	422	321	190	13	3	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 8.9 NO. OF CASES= 1681.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	11										11
1.0-1.9	46	77	8	1	6						138
2.0-2.9	37	294	152	30	20	8					541
3.0-3.9		183	159	78	42	6					468
4.0-4.9		18	189	25	53	15					300
5.0-5.9			44	54	15	17					130
6.0-6.9			1	30	51	10					92
7.0-7.9			1	3	35	1					40
8.0-8.9					6	3	1				10
9.0-9.9						6					6
10.0+						1					1
TOTAL	94	572	554	221	228	67	1	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 8.5 NO. OF CASES= 1028.

STATION 23 51.60N 169.69W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

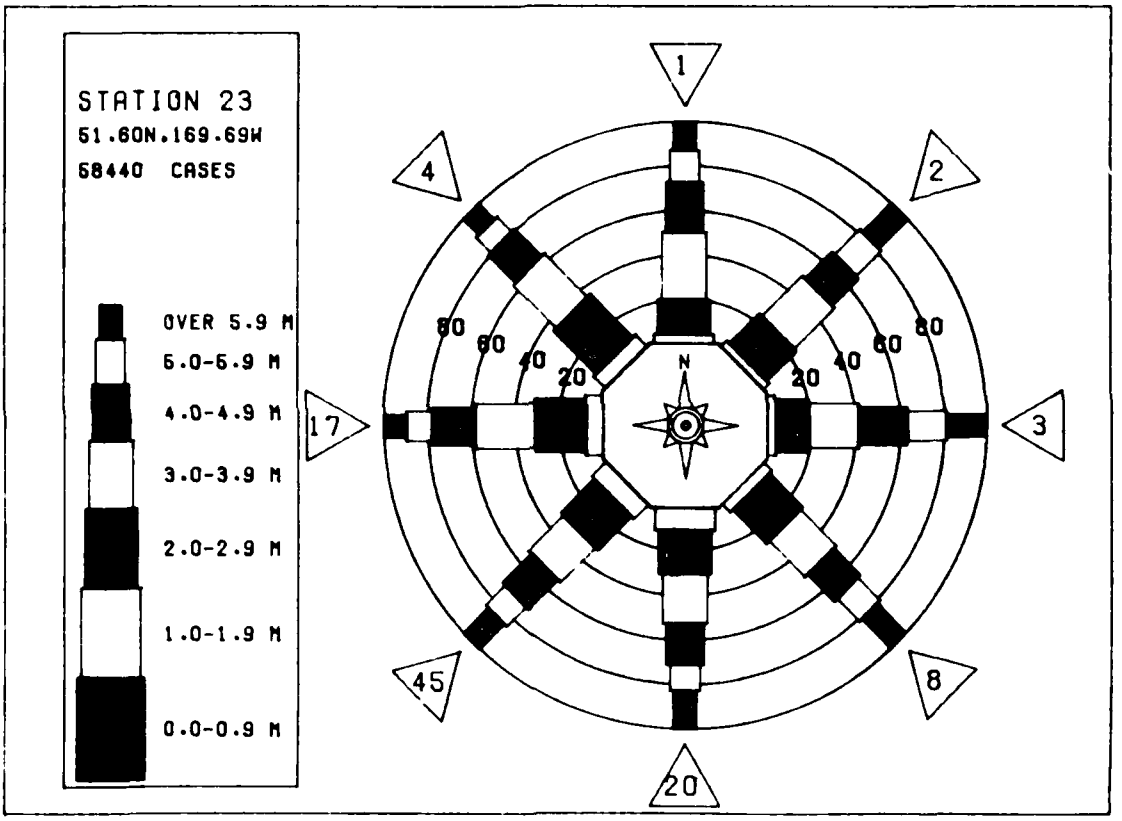
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	25	30	3								58
2.0-2.9	17	116	37	22	6	1					199
3.0-3.9		191	54	75	39	5					364
4.0-4.9		15	123	32	35	5					210
5.0-5.9		1	80	41	11	5	3				141
6.0-6.9			3	45	39	1					88
7.0-7.9				1	44	5					50
8.0-8.9					10	20					30
9.0-9.9						13					13
10.0+											0
TOTAL	42	353	300	196	184	55	3	0	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 8.9 NO. OF CASES= 672.

STATION 23 51.60N 169.69W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	TOTAL
0. -0.9	9	4	3	.	.	.	.	.	.	.	16
1.0-1.9	102	326	351	40	8	2	.	.	.	.	831
2.0-2.9	117	557	928	393	114	20	2	.	.	.	2131
3.0-3.9	.	536	395	555	697	158	10	.	.	.	2351
4.0-4.9	.	60	476	158	568	567	38	.	.	.	1867
5.0-5.9	.	3	204	218	163	526	135	.	.	.	1249
6.0-6.9	.	.	19	146	163	210	211	6	.	.	755
7.0-7.9	.	.	.	16	138	114	126	10	.	.	404
8.0-8.9	.	.	.	.	35	97	63	11	.	.	204
9.0-9.9	.	.	.	.	2	61	22	5	.	.	90
10.0+	.	.	.	.	.	21	48	5	.	.	74
TOTAL	228	1486	2376	1526	1886	1776	655	37	0	0	

MEAN HS(M)= 4.1 LARGEST HS(M)= 15.3 MEAN TP(SEC)= 10.0 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 23 (51.60N 169.69W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	3.7	5.1	4.6	4.6	4.4	2.8	2.6	2.7	4.0	3.6	4.7	4.9	4.0
1957	5.9	4.5	5.3	4.6	3.6	2.6	1.9	2.5	3.3	4.6	6.2	5.8	4.2
1958	6.0	4.4	5.4	4.7	3.8	2.9	3.0	2.3	3.4	4.6	5.4	4.7	4.2
1959	5.0	5.2	4.2	4.2	3.3	2.3	2.1	2.7	3.2	4.8	5.3	5.6	4.0
1960	6.0	5.3	3.8	3.4	3.1	2.6	2.2	2.9	2.8	5.3	5.1	5.9	4.0
1961	6.0	4.6	4.1	4.2	3.6	2.9	2.7	2.8	3.0	4.4	5.8	4.9	4.0
1962	5.1	5.1	4.9	2.8	2.9	2.7	2.2	3.1	3.1	5.1	5.4	5.3	4.0
1963	6.7	4.2	4.9	3.4	3.0	3.2	2.2	2.7	3.3	4.5	4.8	5.7	4.0
1964	5.6	6.1	5.2	4.4	2.7	2.4	3.1	3.2	3.8	4.0	5.6	4.6	4.2
1965	4.6	5.7	5.5	4.1	3.4	2.8	2.5	2.7	3.3	4.2	5.4	5.7	4.2
1966	5.7	5.7	3.6	4.2	3.2	2.4	2.9	2.7	2.9	3.9	4.1	5.0	3.9
1967	5.2	5.6	4.3	3.8	2.6	2.4	2.4	2.5	3.3	3.9	6.0	5.0	3.9
1968	4.7	4.9	4.1	3.9	2.6	2.0	2.7	2.7	2.9	3.8	5.1	4.7	3.7
1969	4.7	5.6	4.9	4.4	3.3	2.8	2.1	2.1	3.7	4.8	5.2	6.2	4.2
1970	4.6	6.1	6.0	5.2	2.6	2.9	2.8	2.8	3.0	4.4	4.5	5.5	4.2
1971	5.5	4.8	5.5	4.3	3.3	2.6	2.1	2.9	3.3	4.2	5.7	6.4	4.2
1972	6.8	4.6	4.8	4.4	3.9	3.5	2.6	3.3	4.0	5.0	6.7	5.7	4.6
1973	6.0	6.4	6.2	4.1	3.5	3.0	3.3	3.2	4.1	4.7	5.6	6.4	4.7
1974	6.0	5.2	4.9	4.6	4.4	2.6	2.9	3.1	3.3	4.3	6.4	5.7	4.5
1975	4.7	4.6	4.8	3.9	3.0	2.6	2.7	2.1	2.4	4.0	5.1	4.8	3.7
MEAN	5.4	5.2	4.8	4.2	3.3	2.7	2.5	2.8	3.3	4.4	5.4	5.4	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 23 (51.60N 169.69W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	9.2	10.1	12.5	9.6	6.5	7.6	4.8	5.4	8.5	6.4	9.3	7.0
1957	11.3	8.2	8.8	8.4	5.8	5.5	4.2	5.1	5.4	7.9	11.0	8.6
1958	11.3	9.2	10.8	9.3	7.8	4.8	4.5	4.1	8.6	9.9	11.4	10.8
1959	9.0	10.9	6.7	10.1	8.7	3.9	3.8	6.3	9.1	10.1	9.6	14.5
1960	9.8	10.1	9.1	5.4	5.8	4.2	4.6	4.6	4.5	12.7	9.5	10.9
1961	10.9	6.0	7.2	7.7	6.9	5.0	5.3	5.4	4.3	8.2	10.7	7.8
1962	7.7	7.3	8.3	6.0	5.2	6.2	4.1	6.1	6.5	13.2	7.6	11.2
1963	9.1	7.0	10.4	6.4	4.6	5.0	3.9	4.4	8.2	9.1	7.5	10.3
1964	9.6	13.0	13.3	8.6	6.2	4.2	5.8	8.3	6.5	9.2	13.6	8.9
1965	9.2	9.3	7.6	8.4	6.6	5.7	4.2	4.4	5.7	9.7	11.4	13.1
1966	8.9	11.1	6.2	7.1	7.5	4.4	5.3	5.1	5.4	8.0	8.1	9.8
1967	12.0	10.0	8.6	6.3	4.6	3.5	3.8	5.2	6.3	9.7	10.4	7.8
1968	7.8	8.6	8.3	7.2	6.9	3.6	4.0	5.0	7.3	6.5	10.2	9.3
1969	7.8	11.2	8.1	7.5	6.4	4.7	3.5	5.2	7.5	9.0	10.6	8.8
1970	8.3	9.8	9.0	9.2	3.9	9.2	5.6	5.4	6.3	7.5	8.5	10.3
1971	9.3	9.6	15.3	8.1	7.6	4.1	3.2	6.2	6.0	7.1	13.2	11.9
1972	10.5	7.6	10.7	9.9	8.1	6.0	4.3	7.2	7.2	9.6	12.5	10.6
1973	10.8	11.9	12.7	6.6	6.8	5.3	6.5	6.6	7.9	11.2	15.8	11.7
1974	12.1	8.9	8.6	7.1	9.0	5.0	8.5	5.8	6.8	7.6	10.9	10.5
1975	9.3	8.3	8.9	7.7	6.1	5.1	7.4	3.6	5.0	14.0	10.1	11.8

20 YR. STATISTICS FOR PACIFIC STATION 23 (51.60N 169.69W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	4.1
MEAN PEAK WAVE PERIOD (SECONDS)=	10.2
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.8
STANDARD DEVIATION OF TP(SECONDS)=	3.2
LARGEST HS(METRES)=	15.3
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	14.3
A/E. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	247.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	71031700

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	11	.	.	.	.	.	.	.	.	.	11
1.0-1.9	11	13	1	.	.	.	.	.	.	.	25
2.0-2.9	10	59	18	20	1	1	.	.	.	.	109
3.0-3.9	.	119	61	75	34	3	.	.	.	.	292
4.0-4.9	.	22	193	17	32	5	.	.	.	.	269
5.0-5.9	.	1	95	49	15	10	1	.	.	.	171
6.0-6.9	.	.	6	99	56	5	.	.	.	.	166
7.0-7.9	.	.	.	11	61	10	.	.	.	.	82
8.0-8.9	.	.	.	.	23	8	.	.	.	.	31
9.0-9.9	.	.	.	.	1	5	.	.	.	.	6
10.0+	.	.	.	.	.	6	.	.	.	.	6
TOTAL	32	214	374	271	223	53	1	0	0	0	

MEAN HS(M) = 4.7 LARGEST HS(M)= 10.6 MEAN TP(SEC)= 9.2 NO. OF CASES= 695.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	27	13	11	.	.	.	.	.	.	.	51
2.0-2.9	11	82	37	10	.	.	.	.	.	.	140
3.0-3.9	.	143	41	17	23	8	.	.	.	.	232
4.0-4.9	.	25	118	11	17	3	6	.	.	.	160
5.0-5.9	.	.	63	63	8	18	.	.	.	.	152
6.0-6.9	.	.	11	54	10	10	.	.	.	.	85
7.0-7.9	.	.	.	13	17	1	.	.	.	.	31
8.0-8.9	.	.	.	.	6	17	.	.	.	.	23
9.0-9.9	.	.	.	.	3	22	.	.	.	.	25
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	41	263	281	168	84	79	6	0	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 9.8 MEAN TP(SEC)= 8.9 NO. OF CASES= 549.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	10	1	.	.	.	.	.	.	.	17
2.0-2.9	18	104	39	54	5	.	.	1	.	.	221
3.0-3.9	.	104	35	41	30	6	.	3	.	.	219
4.0-4.9	.	25	80	10	47	18	8	.	.	.	188
5.0-5.9	.	1	61	30	13	29	.	.	.	.	134
6.0-6.9	.	.	5	66	17	10	.	.	.	.	98
7.0-7.9	.	.	.	8	15	1	1	.	.	.	25
8.0-8.9	.	.	.	.	11	6	6	.	.	.	33
9.0-9.9	.	.	.	.	.	17	.	.	.	.	17
10.0+	.	.	.	.	.	3	.	.	.	.	3
TOTAL	24	244	221	209	138	90	15	4	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 10.3 MEAN TP(SEC)= 9.3 NO. OF CASES= 565.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	10	13	1	.	.	.	.	.	.	32
2.0-2.9	10	92	51	23	18	.	.	.	.	.	194
3.0-3.9	.	85	49	70	68	22	1	3	.	.	298
4.0-4.9	.	20	102	15	30	53	8	.	.	.	228
5.0-5.9	.	.	70	44	35	32	10	.	.	.	193
6.0-6.9	.	.	10	97	32	8	3	.	.	.	150
7.0-7.9	.	.	.	13	35	17	.	.	.	.	65
8.0-8.9	.	.	.	.	8	23	1	.	.	.	32
9.0-9.9	.	.	.	.	1	27	.	.	.	.	28
10.0+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	18	207	295	265	227	183	23	3	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 10.2 MEAN TP(SEC)= 9.8 NO. OF CASES= 726.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	8	58	35	8							109
2.0-2.9	10	106	71	63	42	3					295
3.0-3.9	1	143	46	56	61	51		1			359
4.0-4.9		34	174	44	88	65	17				422
5.0-5.9			104	59	39	73	25				300
6.0-6.9			11	82	41	17	13				164
7.0-7.9			3	6	37	8	3				57
8.0-8.9				1	13	32	3				49
9.0-9.9						5					5
10.0+											0
TOTAL	19	341	444	319	321	254	61	1	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 9.3 MEAN TP(SEC)= 9.7 NO. OF CASES= 1041.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	1										1
1.0-1.9	15	39	59	18							131
2.0-2.9	32	147	167	106	17						469
3.0-3.9		167	73	100	165	73		1			579
4.0-4.9		23	148	30	140	212	15				568
5.0-5.9		1	90	41	35	148	90				405
6.0-6.9			18	97	37	44	77				273
7.0-7.9				15	66	18	56	5			160
8.0-8.9				1	20	30	29	6			86
9.0-9.9					5	15	6	1			27
10.0+					1	1	8	5			15
TOTAL	48	377	555	408	486	541	281	18	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 11.4 MEAN TP(SEC)= 10.4 NO. OF CASES= 1603.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	39	29	138	13							219
2.0-2.9	25	177	420	246	30	10					908
3.0-3.9	6	251	143	171	343	123	3				1040
4.0-4.9		53	215	56	160	179	32				695
5.0-5.9		5	148	99	46	159	51	5			513
6.0-6.9		1	25	123	68	85	107	17			429
7.0-7.9			3	17	66	32	63				181
8.0-8.9				3	23	54	18				98
9.0-9.9					3	44	3				50
10.0+						11	6				17
TOTAL	70	516	1092	728	739	697	283	22	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 11.0 MEAN TP(SEC)= 10.1 NO. OF CASES= 2439.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	11										11
1.0-1.9	95	183	239	25	30						572
2.0-2.9	111	314	525	319	116	8					1393
3.0-3.9	1	456	217	292	521	77	3				1567
4.0-4.9		97	287	68	234	208	22	1			917
5.0-5.9		3	198	124	77	225	102	1			730
6.0-6.9			18	130	114	123	130				515
7.0-7.9				60	92	51	94	1			353
8.0-8.9				3	32	55	32				123
9.0-9.9					8	37	8				53
10.0+						20	18	1			39
TOTAL	218	1053	1484	981	1224	805	409	4	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 15.2 MEAN TP(SEC)= 9.8 NO. OF CASES= 3627.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	27	15	17								59
1.0-1.9	193	470	499	49	3	3					1217
2.0-2.9	169	561	1067	448	171	8					2424
3.0-3.9	3	607	451	622	646	83	6				2418
4.0-4.9		102	521	184	663	511	44				2025
5.0-5.9		6	272	241	171	566	78				1334
6.0-6.9			42	196	196	232	207	3			876
7.0-7.9			6	35	251	87	102	3			484
8.0-8.9				1	58	111	75	11			256
9.0-9.9					10	73	85				168
10.0+						35	59	6			100
TOTAL	392	1761	2875	1776	2149	1709	596	23	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 14.3 MEAN TP(SEC)= 9.8 NO. OF CASES= 6611.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9		10	5								15
1.0-1.9	213	836	778	65	10	1					1903
2.0-2.9	179	865	1872	665	162	22					3765
3.0-3.9		646	475	958	1127	231	17				3454
4.0-4.9		102	605	249	952	850	78				2836
5.0-5.9		1	308	249	292	876	179				1905
6.0-6.9			27	263	385	451	330	1			1757
7.0-7.9				25	272	242	319	8			866
8.0-8.9					53	234	171	25			483
9.0-9.9					6	148	42	22			218
10.0+						30	116	18			164
TOTAL	392	2460	4070	2474	3189	3085	1252	74	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.7 MEAN TP(SEC)= 10.1 NO. OF CASES= 9949.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	10	5	20								35
1.0-1.9	278	747	718	83	23						1849
2.0-2.9	143	1002	2414	982	165	54					4760
3.0-3.9		580	778	1356	1902	414	20				5050
4.0-4.9		65	658	345	1781	1558	99				4506
5.0-5.9		1	232	388	503	1406	371				2901
6.0-6.9			15	222	410	533	617	6			1803
7.0-7.9				15	284	266	386	53			1004
8.0-8.9				1	39	213	126	15			394
9.0-9.9					1	116	70	15			202
10.0+						29	150	22			201
TOTAL	431	2400	4835	3392	5108	4589	1839	111	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 10.4 NO. OF CASES= 13086.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	20		5	3							28
1.0-1.9	263	515	431	41	6	6					1262
2.0-2.9	118	898	1663	629	118	59	1				3486
3.0-3.9		701	677	1040	1105	309	11				3843
4.0-4.9		46	619	316	1040	1127	80				3228
5.0-5.9			143	319	232	971	200				1865
6.0-6.9			3	114	264	395	306	33			1115
7.0-7.9				5	169	207	176	42			599
8.0-8.9					25	164	83	5			277
9.0-9.9						75	59	11			145
10.0+						22	116	11			149
TOTAL	401	2160	3541	2467	2979	3355	1032	62	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 10.2 NO. OF CASES= 9364.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5										5
1.0-1.9	104	265	169	44	18	5	.	.	.	.	605
2.0-2.9	92	616	764	280	22	6	.	.	.	.	1780
3.0-3.9	.	540	463	518	308	94	8	.	.	.	1931
4.0-4.9	.	41	467	111	379	215	6	.	.	.	1219
5.0-5.9	.	.	112	219	154	189	18	.	.	.	692
6.0-6.9	.	.	3	102	140	116	30	.	.	.	391
7.0-7.9	.	.	1	8	78	39	22	.	.	.	148
8.0-8.9	.	.	.	.	6	44	13	1	.	.	64
9.0-9.9	.	.	.	.	3	25	8	1	.	.	37
10.0+	.	.	.	.	.	5	25	.	.	.	30
TOTAL	201	1462	1979	1282	1108	738	130	2	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 9.3 NO. OF CASES= 4048.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	34	126	35	3	.	.	.	.	.	.	198
2.0-2.9	95	393	246	61	17	8	.	.	.	.	820
3.0-3.9	.	374	237	217	109	11	.	.	.	.	948
4.0-4.9	.	22	352	78	135	32	1	.	.	.	620
5.0-5.9	.	.	106	124	51	51	3	.	.	.	335
6.0-6.9	.	.	8	51	54	25	5	.	.	.	143
7.0-7.9	.	.	1	10	54	8	8	.	.	.	81
8.0-8.9	.	.	.	.	18	22	3	.	.	.	43
9.0-9.9	.	.	.	.	.	5	5	.	.	.	10
10.0+	.	.	.	.	.	.	5	.	.	.	5
TOTAL	129	915	985	544	438	162	30	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 8.8 NO. OF CASES= 1884.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	13	49	22	1	8	.	.	.	.	.	93
2.0-2.9	29	249	181	8	13	5	.	.	.	.	485
3.0-3.9	.	196	97	71	37	5	.	.	.	.	406
4.0-4.9	.	10	138	32	59	22	.	.	.	.	261
5.0-5.9	.	.	90	87	15	34	.	.	.	.	226
6.0-6.9	.	.	.	44	59	15	.	.	.	.	118
7.0-7.9	.	.	.	1	53	3	.	.	.	.	57
8.0-8.9	.	.	.	.	15	11	3	.	.	.	29
9.0-9.9	.	.	.	.	.	8	1	.	.	.	8
10.0+	.	.	.	.	.	11	1	.	.	.	12
TOTAL	42	504	528	244	259	114	4	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 11.1 MEAN TP(SEC)= 8.9 NO. OF CASES= 1002.

STATION 24 51.29N 172.86W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1										1
1.0-1.9	35	54	1	1	.	.	.	.	.	.	91
2.0-2.9	10	167	100	42	17	1	.	.	.	.	337
3.0-3.9	1	184	145	80	46	3	.	.	.	.	459
4.0-4.9	.	15	225	17	68	10	.	.	.	.	335
5.0-5.9	.	.	59	121	23	29	1	.	.	.	233
6.0-6.9	.	.	5	49	59	37	.	.	.	.	150
7.0-7.9	.	.	1	6	75	10	.	.	.	.	92
8.0-8.9	.	.	.	.	35	17	1	.	.	.	53
9.0-9.9	.	.	.	.	1	17	.	.	.	.	18
10.0+	.	.	.	.	.	5	1	.	.	.	6
TOTAL	47	420	536	316	324	129	3	0	0	0	

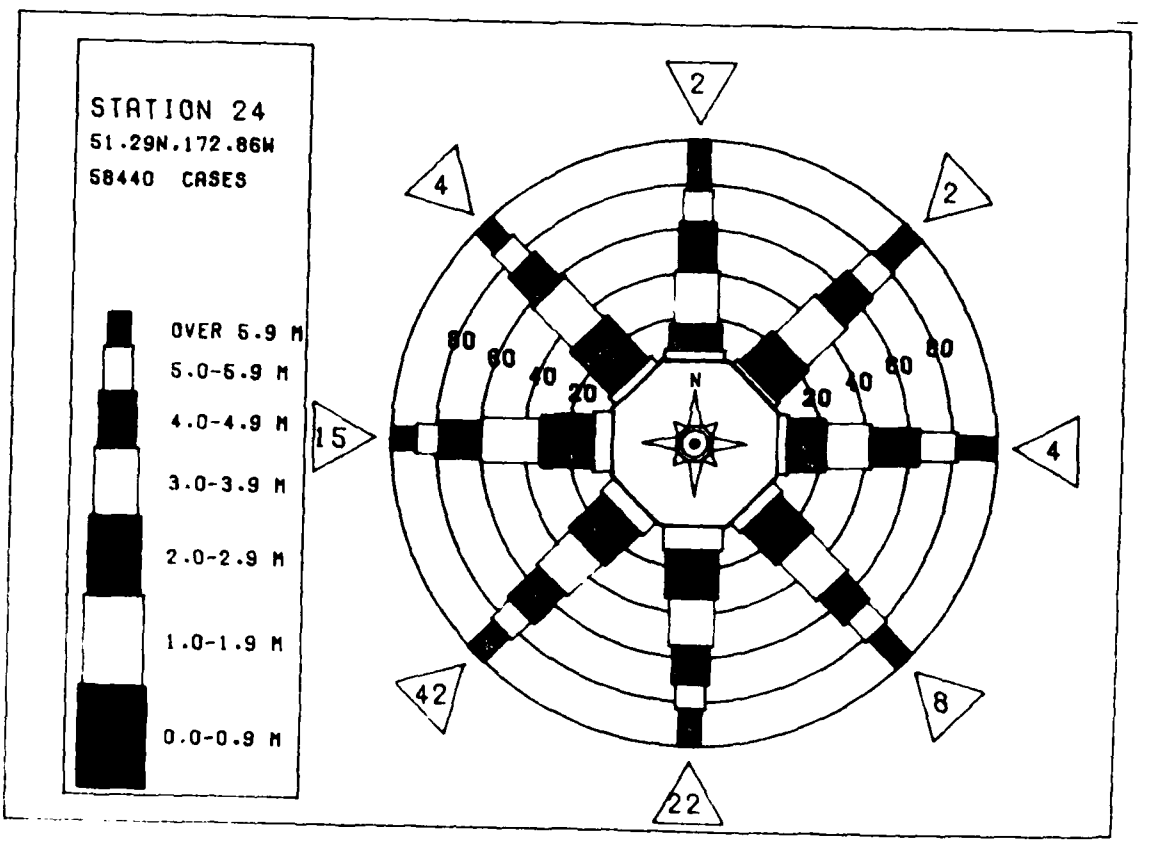
MEAN HS(M) = 4.3 LARGEST HS(M)= 11.2 MEAN TP(SEC)= 9.1 NO. OF CASES= 1051.

STATION 24 51.29N 172.86W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PEPIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	9	3	4								16
1.0-1.9	135	342	316	35	10	1					839
2.0-2.9	106	584	964	396	92	19					2159
3.0-3.9	1	530	399	569	653	151	7	1			2311
4.0-4.9		70	491	159	586	507	42				1855
5.0-5.9		2	215	226	171	482	113				1209
6.0-6.9			21	179	187	211	182	4			784
7.0-7.9			1	21	161	102	123	9			417
8.0-8.9				1	39	105	57	6			208
9.0-9.9					4	64	23	5			96
10.0+						18	51	6			75
TOTAL	251	1531	2411	1586	1903	1660	598	31	0	0	

MEAN HS(M)= 4.1 LARGEST HS(M)= 15.2 MEAN TP(SEC)= 10.0 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 24 (51.29N 172.86W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.7	5.2	4.5	4.5	4.4	2.9	2.6	2.6	4.0	3.5	4.6	5.0	4.0
1957	5.9	4.4	5.4	4.7	3.7	2.8	1.8	2.5	3.3	4.6	6.1	5.8	4.3
1958	6.1	4.3	5.7	4.9	3.7	3.0	2.9	2.2	3.5	4.7	5.3	4.8	4.3
1959	4.8	5.3	4.1	4.2	3.3	2.4	2.0	2.8	3.2	4.8	5.1	5.5	4.0
1960	5.9	5.3	3.9	3.4	3.1	2.6	2.2	3.0	2.8	5.2	5.1	5.9	4.0
1961	5.9	4.6	4.0	4.2	3.7	2.2	2.6	2.6	3.0	4.4	5.7	4.9	4.0
1962	4.9	5.4	5.0	2.6	2.8	2.8	2.2	3.1	3.0	5.0	5.2	5.3	3.9
1963	6.4	4.1	4.9	3.4	3.1	3.1	2.2	2.7	3.3	4.4	4.6	5.6	4.0
1964	5.5	5.7	5.3	4.6	2.6	2.4	3.1	3.1	3.9	3.9	5.5	4.9	4.2
1965	4.8	5.8	5.6	4.2	3.5	2.7	2.5	2.7	3.3	4.1	5.7	5.7	4.2
1966	5.6	5.7	3.5	4.2	3.1	2.4	2.7	2.7	2.8	3.8	4.4	5.0	3.8
1967	5.0	5.4	4.5	3.7	2.5	2.4	2.5	2.4	3.4	3.9	5.8	4.9	3.9
1968	4.8	4.9	4.1	3.8	2.5	2.1	2.8	2.6	2.7	3.9	5.0	4.6	3.6
1969	4.8	5.5	4.9	4.4	3.2	2.8	2.1	2.1	3.5	4.9	5.3	6.1	4.1
1970	4.5	6.0	5.8	5.1	2.5	2.8	2.7	2.7	3.0	4.5	4.7	5.6	4.1
1971	5.5	4.6	5.4	4.3	3.2	2.6	2.2	2.7	3.6	4.1	5.6	6.3	4.2
1972	7.0	4.8	5.1	4.4	3.8	3.4	2.7	3.3	4.0	5.1	6.8	5.7	4.7
1973	6.2	6.7	6.3	4.2	3.5	2.9	3.3	3.3	4.0	4.6	5.8	6.5	4.8
1974	5.8	5.2	5.1	4.7	4.4	2.7	3.1	3.2	3.5	4.4	6.6	5.7	4.5
1975	4.9	4.6	4.9	4.0	3.2	2.6	2.5	2.2	2.4	4.0	5.3	4.9	3.8
MEAN	5.4	5.2	4.9	4.2	3.3	2.7	2.5	2.7	3.3	4.4	5.4	5.4	

LARGEST HS(METRES) BY MONTH AND YEAR

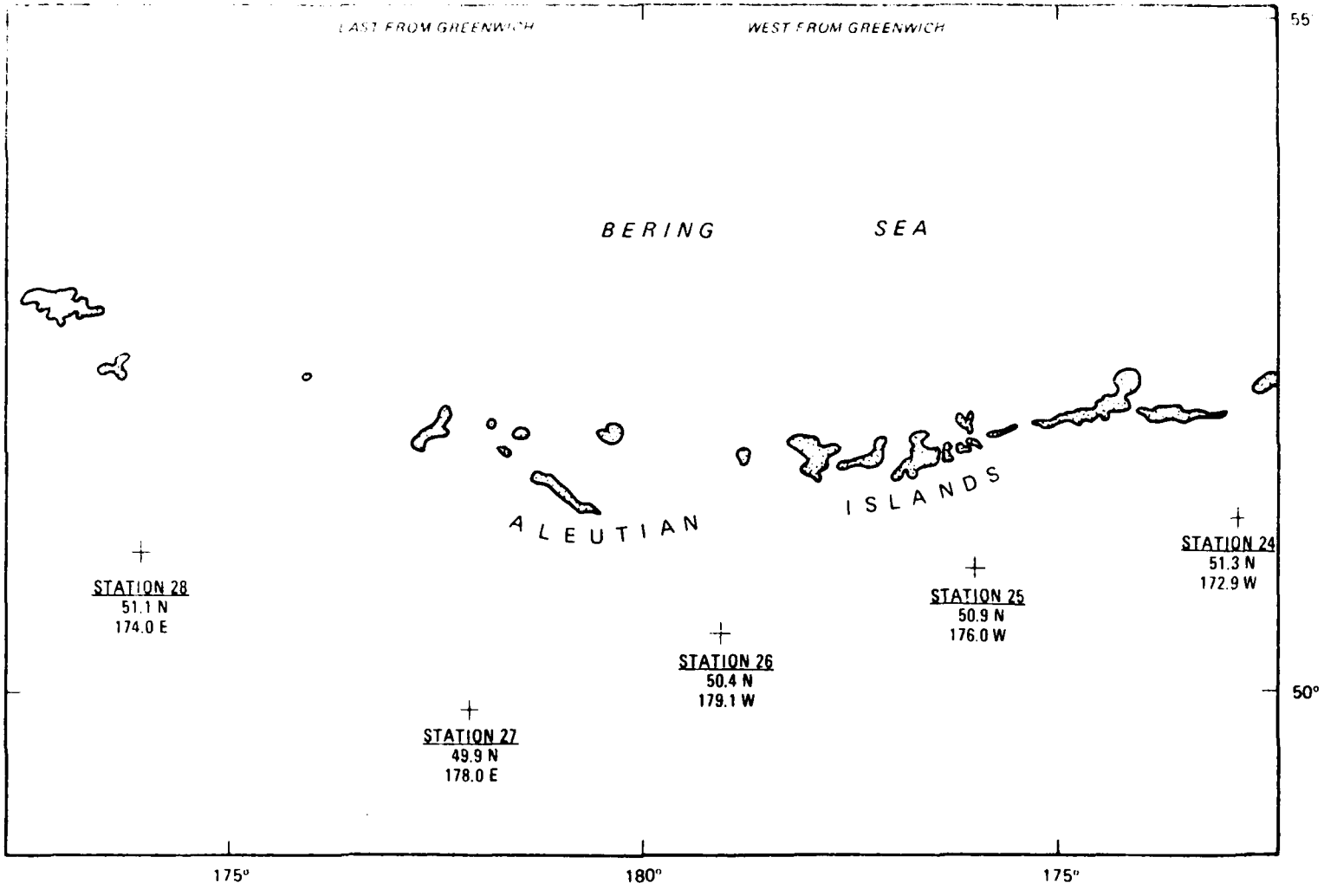
WIS STATION 24 (51.29N 172.86W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	9.5	9.2	12.0	10.0	7.4	7.3	4.1	5.7	7.5	6.1	9.0	8.4
1957	11.5	7.7	9.2	9.1	6.8	9.1	4.0	5.2	5.8	7.9	10.6	9.2
1958	11.7	8.9	10.5	9.8	8.2	4.9	4.6	4.0	9.1	9.4	11.6	11.2
1959	8.5	10.8	6.8	10.5	8.0	4.7	3.5	5.6	9.1	10.2	9.3	12.8
1960	9.6	10.3	9.1	4.7	5.1	4.5	4.8	6.5	5.2	12.9	9.8	11.9
1961	10.9	6.6	6.9	6.8	6.5	5.9	5.6	5.4	4.7	8.5	10.1	7.8
1962	7.9	7.9	8.5	5.5	5.1	6.6	4.1	6.2	6.1	12.7	7.5	12.9
1963	8.9	6.4	10.0	5.4	5.3	5.3	3.7	5.1	7.9	8.4	7.0	10.3
1964	9.1	10.9	13.2	7.9	5.9	5.6	4.8	7.6	6.8	8.9	12.2	10.9
1965	11.2	8.4	7.5	8.9	7.6	4.8	4.5	4.1	6.3	7.8	11.8	13.0
1966	8.6	10.8	6.0	7.4	6.9	4.7	5.0	5.3	5.0	8.2	8.4	10.3
1967	10.1	10.3	8.5	6.0	4.2	3.6	3.9	5.1	6.8	10.8	10.7	7.5
1968	9.1	9.9	8.0	8.1	6.5	5.0	4.0	5.5	7.0	6.7	10.3	8.2
1969	8.0	12.6	8.5	8.2	6.2	4.6	4.0	4.8	7.6	8.3	10.0	9.3
1970	7.6	10.2	9.0	8.9	3.7	8.1	4.6	6.1	5.6	7.6	7.7	10.0
1971	9.8	8.7	13.0	7.4	8.4	4.2	3.3	6.0	7.3	8.2	12.4	11.9
1972	12.8	6.9	10.2	10.4	7.4	5.4	6.1	7.1	9.1	10.5	12.9	11.8
1973	11.1	15.2	11.4	7.5	6.6	4.7	6.7	6.2	8.0	10.1	13.7	12.1
1974	11.4	7.7	8.8	8.5	9.5	5.2	9.0	5.9	7.9	8.5	13.7	10.7
1975	10.9	8.1	9.4	9.6	6.3	5.1	5.8	4.2	6.4	12.2	11.0	11.5

20 YR. STATISTICS FOR PACIFIC STATION 24 (51.29N 172.86W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	4.1
MEAN PEAK WAVE PERIOD (SECONDS)=	10.1
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.9
STANDARD DEVIATION OF TP(SECONDS)=	2.2
LARGEST HS(METRES)=	15.2
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	16.7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	159.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	73020315


EAST FROM GREENWICH
WEST FROM GREENWICH
55°
BERING SEA
ALEUTIAN ISLANDS
STATION 28
51.1 N
174.0 E
STATION 27
49.9 N
178.0 E
STATION 26
50.4 N
179.1 W
STATION 25
50.9 N
176.0 W
STATION 24
51.3 N
172.9 W
50°
175°
180°
175°

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5										5
1.0-1.9	34	25	23	1	.	.	.	.	.	.	83
2.0-2.9	10	46	75	20	8	.	.	.	.	.	159
3.0-3.9	.	123	128	65	41	1	.	.	.	.	358
4.0-4.9	.	20	169	32	59	11	.	.	.	.	291
5.0-5.9	.	.	82	88	23	39	.	.	.	.	232
6.0-6.9	.	.	5	68	47	17	.	.	.	.	137
7.0-7.9	.	.	.	3	53	15	.	.	.	.	71
8.0-8.9	.	.	.	.	8	18	.	.	.	.	26
9.0-9.9	.	.	.	.	.	1	.	.	.	.	1
10.0+											0
TOTAL	49	214	482	277	239	102	0	0	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 9.3 NO. OF CASES= 836.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1		.	.	.	.	.	.	.	.	1
1.0-1.9	6	3	.	.	.	.	.	.	.	.	9
2.0-2.9	3	90	71	34	10	1	.	.	.	.	209
3.0-3.9	.	97	54	34	32	5	.	.	.	.	222
4.0-4.9	.	11	171	25	30	6	.	.	.	.	243
5.0-5.9	.	.	71	128	32	41	1	.	.	.	273
6.0-6.9	.	.	5	47	15	8	.	.	.	.	75
7.0-7.9	.	.	.	8	18	13	.	.	.	.	39
8.0-8.9	.	.	.	.	8	34	.	.	.	.	42
9.0-9.9	.	.	.	.	.	6	1	.	.	.	7
10.0+						5	5				10
TOTAL	10	201	372	276	145	119	7	0	0	0	

MEAN HS(M) = 4.6 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 9.4 NO. OF CASES= 672.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	13	17	17	.	.	.	.	.	.	.	47
2.0-2.9	23	183	112	59	17	.	3	.	.	.	397
3.0-3.9	.	107	78	80	59	8	.	.	.	.	332
4.0-4.9	.	17	126	18	94	25	1	.	.	.	281
5.0-5.9	.	.	80	71	25	56	3	.	.	.	235
6.0-6.9	.	.	6	39	18	20	6	.	.	.	89
7.0-7.9	.	.	.	3	23	6	.	.	.	.	32
8.0-8.9	.	.	.	1	5	23	.	.	.	.	29
9.0-9.9	.	.	.	.	1	25	.	.	.	.	26
10.0+						3					3
TOTAL	36	324	419	271	242	166	13	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 9.3 NO. OF CASES= 873.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	11	66	6	1	.	.	.	.	.	.	84
2.0-2.9	20	90	87	25	.	.	3	6	.	.	231
3.0-3.9	.	104	65	53	123	18	1	.	.	.	364
4.0-4.9	.	22	152	17	82	66	17	.	.	.	356
5.0-5.9	.	.	77	68	49	37	11	.	.	.	242
6.0-6.9	.	.	8	44	42	23	6	.	.	.	123
7.0-7.9	.	.	.	10	56	23	.	.	.	.	89
8.0-8.9	.	.	.	.	20	20	5	.	.	.	45
9.0-9.9	.	.	.	.	1	8	.	.	.	.	9
10.0+					1	3	3				7
TOTAL	31	282	395	218	374	198	46	6	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 11.6 MEAN TP(SEC)= 9.8 NO. OF CASES= 919.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	15	46	56	.	.	.	.	.	.	.	117
2.0-2.9	54	85	128	111	51	5	.	5	.	.	439
3.0-3.9	.	174	97	123	135	90	5	.	.	.	624
4.0-4.9	.	51	181	44	160	88	44	.	.	.	568
5.0-5.9	.	.	106	106	35	87	6	.	.	.	340
6.0-6.9	.	.	10	75	41	30	11	.	.	.	167
7.0-7.9	.	.	1	10	47	22	6	.	.	.	86
8.0-8.9	.	.	.	1	34	17	11	.	.	.	63
9.0-9.9	.	.	.	.	1	20	.	.	.	.	21
10.0+	.	.	.	.	.	10	10	.	.	.	20
TOTAL	69	356	579	470	504	369	93	5	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 12.4 MEAN TP(SEC)= 9.9 NO. OF CASES= 1441.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	22	30	92	13	.	.	.	.	.	.	157
2.0-2.9	51	162	181	130	23	.	.	3	.	.	550
3.0-3.9	.	177	88	131	251	95	.	.	.	.	742
4.0-4.9	.	35	162	30	145	157	22	.	.	.	551
5.0-5.9	.	3	71	75	49	126	111	.	.	.	435
6.0-6.9	.	.	22	71	56	59	78	.	.	.	286
7.0-7.9	.	.	1	25	83	11	109	13	.	.	242
8.0-8.9	.	.	.	.	32	27	25	3	.	.	87
9.0-9.9	.	.	.	.	.	25	3	8	.	.	36
10.0+	.	.	.	.	.	18	3	5	.	.	26
TOTAL	73	407	617	475	639	518	351	32	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 11.9 MEAN TP(SEC)= 10.4 NO. OF CASES= 1835.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	23	114	176	47	11	.	.	.	.	.	371
2.0-2.9	75	237	462	308	78	10	1	.	.	.	1171
3.0-3.9	.	290	183	186	369	109	8	.	.	.	1145
4.0-4.9	.	53	231	44	169	140	44	3	.	.	684
5.0-5.9	.	3	109	85	46	171	66	10	.	.	490
6.0-6.9	.	.	23	80	85	80	97	.	.	.	365
7.0-7.9	.	.	1	25	107	46	63	.	.	.	242
8.0-8.9	.	.	.	1	17	29	22	.	.	.	69
9.0-9.9	.	.	.	.	3	27	.	.	.	.	30
10.0+	.	.	.	.	.	5	3	.	.	.	8
TOTAL	98	697	1185	776	885	617	304	13	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 10.8 MEAN TP(SEC)= 9.9 NO. OF CASES= 2687.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	11	35	.	.	.	.	.	.	.	.	46
1.0-1.9	88	321	335	44	20	6	.	.	.	.	814
2.0-2.9	121	352	571	328	107	34	1	.	.	.	1514
3.0-3.9	.	379	246	313	419	116	1	.	.	.	1474
4.0-4.9	.	54	261	66	342	290	17	3	.	.	1033
5.0-5.9	.	3	104	100	109	301	77	.	.	.	694
6.0-6.9	.	.	11	83	73	162	114	.	.	.	443
7.0-7.9	.	.	1	17	114	73	56	1	.	.	262
8.0-8.9	.	.	.	.	23	29	42	1	.	.	95
9.0-9.9	.	.	.	.	5	34	17	.	.	.	56
10.0+	.	.	.	.	.	6	25	.	.	.	31
TOTAL	220	1154	1529	951	1212	1051	350	5	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 12.3 MEAN TP(SEC)= 9.8 NO. OF CASES= 3600.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	13	6	6								25
1.0-1.9	118	602	595	53	20	1					1389
2.0-2.9	165	595	1331	542	157	8	1				2799
3.0-3.9		537	463	670	708	136	5				2519
4.0-4.9		82	407	164	614	521	39				1827
5.0-5.9		5	184	160	165	480	126				1120
6.0-6.9			30	148	150	229	201				758
7.0-7.9			3	34	140	131	116	1			425
8.0-8.9				1	46	83	65	13			208
9.0-9.9						58	29	5			92
10.0+						13	42	8			63
TOTAL	296	1827	3019	1772	2000	1660	624	27	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 13.2 MEAN TP(SEC)= 9.8 NO. OF CASES= 6577.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	13	11									24
1.0-1.9	272	872	713	102	5						1964
2.0-2.9	130	778	2051	886	136	11					3992
3.0-3.9	1	595	562	1125	1226	244	5				3753
4.0-4.9		97	559	313	1066	797	71				2903
5.0-5.9		1	186	314	337	1002	176				2016
6.0-6.9			22	176	313	441	369				1321
7.0-7.9				18	249	258	318	5			848
8.0-8.9				1	39	195	142	30			407
9.0-9.9					3	119	68	18			208
10.0+						32	88	27			147
TOTAL	416	2354	4093	2935	3374	3099	1237	80	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.1 MEAN TP(SEC)= 10.1 NO. OF CASES= 10295.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	32	8	3	3							46
1.0-1.9	294	713	693	114	1						1815
2.0-2.9	195	944	2489	965	193	44					4830
3.0-3.9		648	770	1327	1584	282	6				4617
4.0-4.9		65	687	448	1967	1392	97				4656
5.0-5.9			237	443	598	1500	337				3115
6.0-6.9			17	234	385	525	497	8			1666
7.0-7.9				20	287	266	391	37			1001
8.0-8.9					68	212	133	51			464
9.0-9.9					5	123	47	10			185
10.0+						42	150	15			207
TOTAL	521	2378	4896	3554	5088	4386	1658	121	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 10.3 NO. OF CASES= 13224.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	6										6
1.0-1.9	239	564	408	37	3	8					1259
2.0-2.9	128	824	1649	523	87	10	1				3222
3.0-3.9		639	716	1035	900	213	8				3511
4.0-4.9		44	627	314	1078	725	37				2825
5.0-5.9		1	165	373	325	882	61				1807
6.0-6.9			8	143	270	402	222	10			1055
7.0-7.9			1	6	225	215	157	3			607
8.0-8.9				1	39	189	80	1			310
9.0-9.9					1	87	68	1			157
10.0+						30	114	13			157
TOTAL	373	2072	3574	2432	2928	2761	748	28	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 10.0 NO. OF CASES= 8736.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	5										5
1.0-1.9	121	186	124		18						449
2.0-2.9	70	480	684	167	23	13					1437
3.0-3.9		439	487	438	268	54					1686
4.0-4.9		8	419	142	331	165					1065
5.0-5.9			104	183	130	138	8				563
6.0-6.9			3	77	154	130	18				382
7.0-7.9				1	83	58	11				153
8.0-8.9					11	41	10				62
9.0-9.9						30	3	1			34
10.0+						13	18	6			37
TOTAL	196	1113	1821	1008	1018	642	68	7	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 12.8 MEAN TP(SEC)= 9.4 NO. OF CASES= 3446.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	1										1
1.0-1.9	68	77	39	1							185
2.0-2.9	25	242	345	44	3	8					667
3.0-3.9		181	241	195	97						714
4.0-4.9		5	304	44	128	58	1				540
5.0-5.9			78	124	46	47	6				301
6.0-6.9			1	39	41	25	1				107
7.0-7.9				1	42	13	1				57
8.0-8.9					8	18					26
9.0-9.9						15					15
10.0+						1	6				7
TOTAL	94	505	1008	448	365	185	15	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 11.1 MEAN TP(SEC)= 9.1 NO. OF CASES= 1544.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	20	73	10	3							106
2.0-2.9	18	165	184	13	10	3					393
3.0-3.9		102	87	82	56	5					332
4.0-4.9		6	138	32	66	17					259
5.0-5.9		1	56	88	42	18					205
6.0-6.9			3	37	53	10	3				106
7.0-7.9				3	25	5	3				36
8.0-8.9					13	15	3				31
9.0-9.9					1	10	3				14
10.0+						3	5				8
TOTAL	38	347	478	258	266	86	17	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 10.8 MEAN TP(SEC)= 9.1 NO. OF CASES= 883.

STATION 25 50.90N 175.98W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

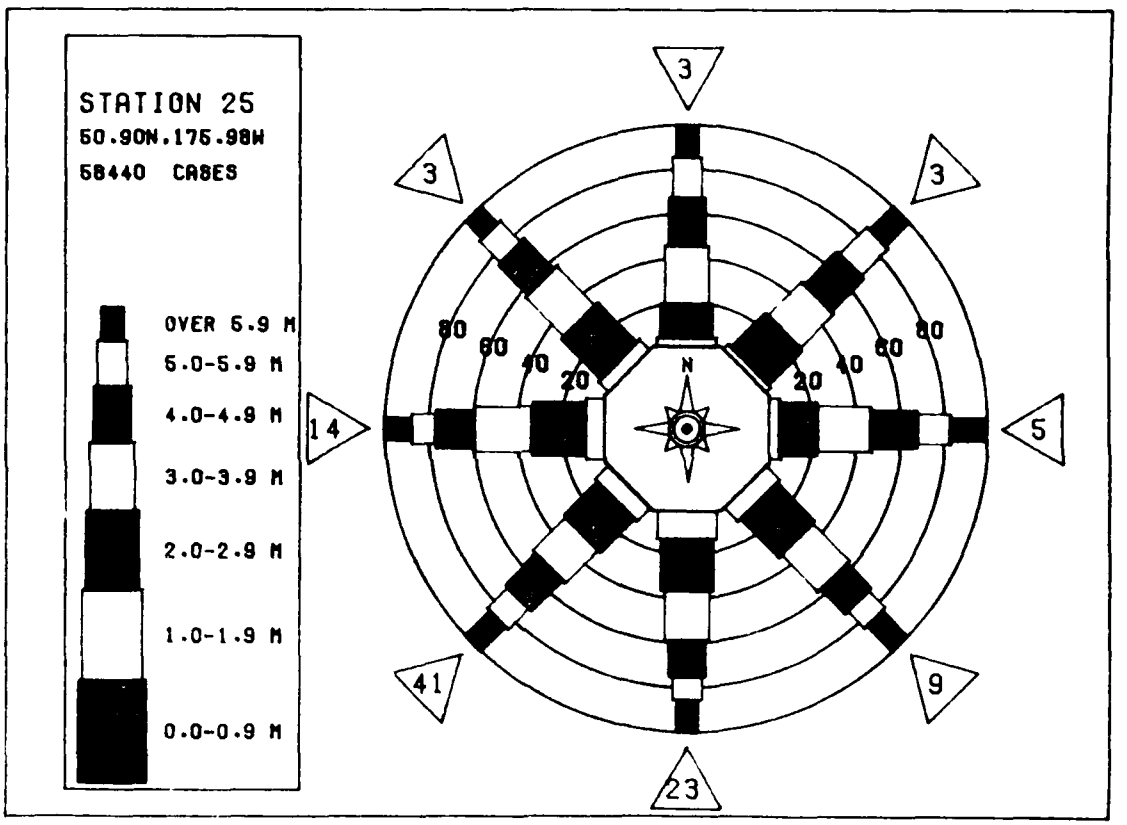
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	5	10		1	5						21
2.0-2.9	23	106	138	8	13	3					291
3.0-3.9		123	111	64	32	1					333
4.0-4.9		10	138	29	51	34					262
5.0-5.9			59	73	13	30					175
6.0-6.9			5	44	27	3					79
7.0-7.9				5	13	1					19
8.0-8.9					1						1
9.0-9.9					1	1					2
10.0+						1					1
TOTAL	28	249	451	226	156	74	0	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 9.1 NO. OF CASES= 702.

STATION 25 50.90N 175.98W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	9	6	1	.	.	.	.	.	.	.	16
1.0-1.9	135	372	329	42	8	1	.	.	.	.	887
2.0-2.9	111	539	1056	417	92	15	1	1	.	.	2232
3.0-3.9	.	472	438	592	630	138	4	.	.	.	2274
4.0-4.9	.	58	473	176	938	450	39	.	.	.	1834
5.0-5.9	.	2	177	248	203	496	99	1	.	.	1226
6.0-6.9	.	.	18	141	177	217	163	1	.	.	717
7.0-7.9	.	.	1	19	157	116	123	6	.	.	422
8.0-8.9	.	.	.	1	37	95	54	10	.	.	197
9.0-9.9	.	.	.	.	2	59	24	4	.	.	89
10.0+	.	.	.	.	.	19	47	7	.	.	73
TOTAL	255	1449	2493	1636	1944	1606	554	30	0	0	

MEAN HS(M)= 4.1 LARGEST HS(M)= 13.2 MEAN TP(SEC)= 9.9 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 25 (50.90N 175.98W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.7	5.1	4.5	4.4	4.5	2.8	2.5	2.6	3.7	3.3	4.5	4.9	3.9
1957	5.7	4.4	5.3	4.7	3.5	2.7	1.7	2.5	3.4	4.5	5.8	5.9	4.2
1958	[illegible]	4.3	5.9	4.8	[illegible]	3.0	2.9	[illegible]	3.6	4.7	5.3	4.8	4.3
1959	4.6	5.2	4.1	4.3	3.2	2.4	1.9	2.6	3.2	4.8	4.9	5.5	3.9
1960	5.8	5.3	4.0	3.4	3.1	2.5	2.3	2.9	2.8	5.0	5.1	5.9	4.0
1961	5.9	4.5	3.9	4.2	3.8	2.3	2.5	2.5	2.9	4.4	5.7	5.0	4.0
1962	4.6	5.5	5.1	2.4	2.8	3.0	2.1	3.1	2.8	4.8	5.1	5.0	3.9
1963	6.2	4.0	4.9	3.4	3.1	2.9	2.1	2.6	3.2	4.2	4.5	5.6	3.9
1964	5.4	5.5	5.2	4.6	2.6	2.5	3.1	3.1	3.9	3.9	5.4	5.1	4.2
1965	4.8	6.0	5.5	4.1	3.3	2.7	2.6	2.8	3.1	3.9	5.8	5.6	4.2
1966	5.5	5.8	3.5	4.2	3.1	2.3	2.6	2.7	2.7	3.8	4.5	5.0	3.8
1967	5.0	5.2	4.7	3.6	2.3	2.2	2.6	2.4	3.3	3.8	5.7	4.9	3.8
1968	4.9	4.8	4.0	3.7	2.5	2.1	2.8	2.5	2.6	3.9	4.8	4.6	3.6
1969	4.9	5.4	4.9	4.4	3.2	2.8	2.1	2.3	3.4	4.6	5.1	6.0	4.1
1970	4.5	6.0	5.6	5.0	2.4	2.6	2.7	2.6	2.8	4.4	4.8	5.6	4.1
1971	5.2	4.4	5.4	4.2	3.0	2.5	2.2	2.6	3.6	4.0	5.5	6.2	4.1
1972	7.1	5.0	5.3	4.3	3.7	3.3	2.7	3.2	4.0	5.0	6.8	5.7	4.7
1973	6.2	6.7	6.3	4.3	3.5	2.9	3.4	3.2	3.8	4.4	5.9	6.5	4.7
1974	5.7	5.5	5.2	4.7	4.3	2.6	3.1	3.3	3.3	4.4	6.7	5.8	4.5
1975	5.0	4.8	4.7	4.0	3.1	2.6	2.5	2.1	2.2	3.9	5.6	4.9	3.8
MEAN	5.3	5.2	4.9	4.1	3.3	2.6	2.5	2.7	3.2	4.3	5.4	5.4	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 25 (50.90N 175.98W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	9.7	8.2	11.4	10.9	7.3	6.9	3.6	6.0	6.3	6.1	8.8	9.6
1957	10.9	7.0	8.5	9.3	6.4	7.0	4.0	5.5	5.4	7.8	10.0	9.1
1958	13.0	9.2	10.3	9.1	8.4	5.2	4.6	4.4	10.4	8.9	12.9	10.6
1959	[illegible]	10.3	7.8	11.2	7.2	6.4	3.2	5.0	8.3	9.3	9.0	12.7
1960	[illegible]	10.5	8.5	5.6	5.9	5.0	4.7	6.2	5.2	12.4	10.3	10.1
1961	7.7	6.6	7.0	6.7	7.1	5.4	[illegible]	4.1	4.5	9.3	10.9	7.7
1962	8.3	8.7	9.1	5.3	5.0	7.0	3.5	6.3	6.0	11.2	8.0	11.0
1963	[illegible]	6.1	9.7	5.1	5.4	5.3	3.6	4.0	7.8	9.1	6.9	9.2
1964	[illegible]	8.4	10.4	7.7	5.9	7.6	5.4	6.7	6.7	9.9	11.7	11.8
1965	12.0	9.0	8.5	9.9	6.3	5.2	4.5	4.2	5.9	7.3	12.8	11.8
1966	[illegible]	12.4	6.4	7.7	6.7	4.4	4.8	5.0	6.1	8.6	8.6	10.1
1967	10.6	9.4	8.1	5.7	3.4	3.6	3.8	5.0	6.4	10.3	10.7	7.5
1968	[illegible]	10.3	7.7	6.4	6.2	4.5	3.9	5.0	6.4	7.5	10.3	8.5
1969	[illegible]	12.3	8.8	8.5	6.4	4.7	3.5	4.3	7.9	7.5	9.6	8.7
1970	7.3	10.4	9.2	9.4	3.6	7.5	4.0	6.4	5.9	8.1	7.4	9.4
1971	9.1	[illegible]	11.8	6.3	6.6	4.6	3.1	5.4	8.0	8.3	10.8	11.9
1972	[illegible]	7.3	[illegible]	11.1	7.4	5.4	5.0	6.7	8.3	10.8	13.1	12.1
1973	[illegible]	13.2	11.0	7.5	5.3	4.5	7.2	5.7	7.6	9.3	11.9	11.4
1974	[illegible]	[illegible]	8.1	7.8	9.3	4.0	7.0	5.9	6.9	8.1	12.9	10.7
1975	10.3	[illegible]	9.1	8.5	5.8	5.0	5.4	3.5	5.2	11.5	11.6	11.4

[illegible] STATISTICS FOR PACIFIC STATION 25 (50.90N 175.98W)

MEAN [illegible] WAVE [illegible]=	4.1
[illegible] WAVE PERIOD (SECONDS)=	10.0
[illegible] 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
[illegible] DEVIATION OF HS(METRES)=	1.8
[illegible] DEVIATION OF [illegible]=	2.1
[illegible]=	13.2
[illegible] WITH THE LARGEST HS=	14.3
[illegible] DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	179.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	73020306

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	32	1	.	.	.	.	.	.	.	41
2.0-2.9	29	102	126	34	11	.	.	.	.	.	302
3.0-3.9	.	210	90	119	68	.	.	.	.	.	487
4.0-4.9	.	22	253	61	94	35	.	.	.	.	445
5.0-5.9	.	.	71	95	71	41	.	.	.	.	278
6.0-6.9	.	.	3	63	70	22	.	.	.	.	158
7.0-7.9	.	.	.	3	53	11	.	.	.	.	67
8.0-8.9	.	.	.	.	13	23	.	.	.	.	36
9.0-9.9	.	.	.	.	.	10	.	.	.	.	10
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37	366	544	375	380	142	0	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 9.5 MEAN TP(SEC)= 9.3 NO. OF CASES= 1087.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	23	20	5	.	.	.	.	.	.	.	48
2.0-2.9	6	121	162	47	.	3	.	.	.	.	339
3.0-3.9	.	140	102	99	32	20	.	.	.	.	393
4.0-4.9	.	25	106	65	119	32	.	.	.	.	347
5.0-5.9	.	.	78	102	27	44	1	.	.	.	252
6.0-6.9	.	.	5	59	25	13	1	.	.	.	103
7.0-7.9	.	.	.	.	34	11	.	.	.	.	45
8.0-8.9	.	.	.	.	8	27	.	.	.	.	35
9.0-9.9	.	.	.	.	1	15	1	.	.	.	17
10.0+	.	.	.	.	.	3	8	.	.	.	11
TOTAL	29	306	458	372	246	168	11	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 12.5 MEAN TP(SEC)= 9.4 NO. OF CASES= 941.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	22	10	1	.	.	.	.	.	.	41
2.0-2.9	8	107	71	54	35	.	.	.	.	.	275
3.0-3.9	.	114	99	106	51	6	.	.	.	.	376
4.0-4.9	.	20	145	39	99	39	17	.	.	.	359
5.0-5.9	.	.	65	75	39	37	11	.	.	.	227
6.0-6.9	.	.	3	49	27	39	6	.	.	.	124
7.0-7.9	.	.	.	1	44	15	.	.	.	.	60
8.0-8.9	.	.	.	.	17	17	.	.	.	.	34
9.0-9.9	.	.	.	.	.	18	.	.	.	.	18
10.0+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	16	263	393	325	312	172	34	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 9.7 NO. OF CASES= 896.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	37	34	3	.	.	.	.	.	.	77
2.0-2.9	20	130	152	49	5	6	.	.	.	.	362
3.0-3.9	.	95	102	104	123	41	5	.	.	.	470
4.0-4.9	.	29	133	47	143	97	25	.	.	.	479
5.0-5.9	.	.	59	75	53	94	5	.	.	.	286
6.0-6.9	.	.	.	70	46	47	.	.	.	.	163
7.0-7.9	.	.	.	6	32	29	5	.	.	.	72
8.0-8.9	.	.	.	1	13	30	.	.	.	.	44
9.0-9.9	.	.	.	.	1	27	3	.	.	.	31
10.0+	.	.	.	.	.	5	20	.	.	.	25
TOTAL	23	291	485	355	416	376	63	0	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 12.7 MEAN TP(SEC)= 9.9 NO. OF CASES= 1185.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	18	70	63	5	.	.	.	.	.	.	156
2.0-2.9	46	100	210	118	39	8	3	13	.	.	537
3.0-3.9	.	164	130	114	140	114	11	.	.	.	673
4.0-4.9	.	37	143	17	133	85	37	.	.	.	452
5.0-5.9	.	1	85	92	44	95	39	.	.	.	356
6.0-6.9	.	.	3	70	54	59	51	.	.	.	237
7.0-7.9	.	.	.	10	34	32	37	6	.	.	119
8.0-8.9	.	.	.	.	17	18	17	11	.	.	63
9.0-9.9	.	.	.	.	.	10	.	6	.	.	16
10.0+						5					5
TOTAL	64	372	634	426	461	426	195	36	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 10.2 MEAN TP(SEC)= 10.1 NO. OF CASES= 1541.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9		3									3
1.0-1.9	23	20	70	17	.	.	.	.	.	.	130
2.0-2.9	37	219	294	174	68	5	.	1	.	.	798
3.0-3.9	1	172	118	160	208	59	.	.	.	.	718
4.0-4.9	.	44	119	61	184	147	58	.	.	.	613
5.0-5.9	.	3	80	61	77	145	88	.	.	.	454
6.0-6.9	.	.	17	39	56	73	95	.	.	.	280
7.0-7.9	.	.	3	15	51	41	77	11	.	.	198
8.0-8.9	.	.	.	.	35	34	27	3	.	.	99
9.0-9.9	.	.	.	.	3	27	8	.	.	.	38
10.0+						8	3				11
TOTAL	61	461	701	527	682	539	356	15	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 11.1 MEAN TP(SEC)= 10.3 NO. OF CASES= 1967.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	1	6									7
1.0-1.9	13	186	232	56	17	.	.	.	.	.	504
2.0-2.9	59	313	593	227	100	37	.	.	.	.	1329
3.0-3.9	3	263	210	239	323	65	8	.	.	.	1111
4.0-4.9	.	59	213	88	201	189	42	.	.	.	792
5.0-5.9	.	6	143	97	66	215	39	.	.	.	566
6.0-6.9	.	.	18	111	58	119	59	1	.	.	366
7.0-7.9	.	.	.	13	94	71	49	10	.	.	237
8.0-8.9	.	.	.	.	39	23	11	.	.	.	73
9.0-9.9	.	.	.	1	5	39	3	.	.	.	48
10.0+						6	5				11
TOTAL	76	833	1409	832	903	764	216	11	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 11.2 MEAN TP(SEC)= 9.8 NO. OF CASES= 2966.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	15	32	3	.	.	.	.	.	.	.	50
1.0-1.9	59	555	342	51	23	.	.	.	.	.	1000
2.0-2.9	147	479	761	290	109	10	.	.	.	.	1796
3.0-3.9	.	521	278	465	494	121	8	.	.	.	1887
4.0-4.9	.	95	405	119	357	309	39	.	.	.	1324
5.0-5.9	.	3	200	154	128	335	87	.	.	.	907
6.0-6.9	.	.	20	116	60	177	66	.	.	.	491
7.0-7.9	.	.	3	22	124	53	80	.	.	.	282
8.0-8.9	.	.	.	5	63	59	27	8	.	.	162
9.0-9.9	.	.	.	.	11	63	13	.	.	.	87
10.0+					1	27	42				70
TOTAL	221	1655	2012	1222	1400	1154	384	8	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 9.7 NO. OF CASES= 4724.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	18	18									36
1.0-1.9	219	588	477	35	11						1330
2.0-2.9	157	698	1433	528	116						2932
3.0-3.9		545	527	751	511	112					2446
4.0-4.9		80	485	171	602	390	53				1781
5.0-5.9		6	263	260	177	462	73				1241
6.0-6.9			27	152	167	213	136				695
7.0-7.9			6	30	169	75	106				386
8.0-8.9				1	59	121	30	15			226
9.0-9.9					10	112	27	3			152
10.0+						23	54	3			80
TOTAL	394	1935	3218	1928	1822	1508	479	21	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 13.1 MEAN TP(SEC)= 9.6 NO. OF CASES= 6623.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	35	5									40
1.0-1.9	215	865	723	70							1873
2.0-2.9	133	831	2176	732	150	3					4025
3.0-3.9	1	547	583	1139	1002	116	8				3396
4.0-4.9		77	610	285	1038	658	78				2746
5.0-5.9		3	236	379	441	910	124				2093
6.0-6.9			32	205	278	475	284				1274
7.0-7.9				20	309	251	297	3			880
8.0-8.9				5	61	253	123	20			462
9.0-9.9					5	94	95	13			207
10.0+						39	95	27			161
TOTAL	384	2328	4360	2835	3284	2799	1104	63	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.2 MEAN TP(SEC)= 10.0 NO. OF CASES= 10043.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	15										15
1.0-1.9	330	793	521	42							1686
2.0-2.9	145	912	2241	847	130	23	1				4299
3.0-3.9		684	747	1185	1351	270	8				4245
4.0-4.9		39	722	379	1709	1055	65				3969
5.0-5.9			232	480	653	1404	232				3001
6.0-6.9			10	196	379	494	362				1441
7.0-7.9			3	8	306	224	316	30			887
8.0-8.9					59	191	118	53			421
9.0-9.9					3	128	56	5			192
10.0+						29	124	10			163
TOTAL	490	2428	4476	3137	4590	3818	1282	98	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 13.4 MEAN TP(SEC)= 10.2 NO. OF CASES= 11890.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3										3
1.0-1.9	195	501	321	20							1037
2.0-2.9	143	776	1550	458	68	5					3000
3.0-3.9		686	711	989	759	128	5				3277
4.0-4.9		44	660	305	925	525	18				2478
5.0-5.9			160	378	352	734	35				1659
6.0-6.9			6	111	338	321	128				904
7.0-7.9				5	237	201	123	5			571
8.0-8.9				1	51	165	73				290
9.0-9.9					1	78	42				121
10.0+						30	78	6			114
TOTAL	341	2007	3408	2268	2730	2187	502	11	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.5 MEAN TP(SEC)= 9.8 NO. OF CASES= 7877.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	94	191	65	.	17	.	.	.	.	.	367
2.0-2.9	63	373	569	107	17	5	.	.	.	.	1134
3.0-3.9	.	386	419	403	215	34	.	.	.	.	1457
4.0-4.9	.	18	415	133	311	138	5	.	.	.	1020
5.0-5.9	.	.	109	195	126	172	.	.	.	.	602
6.0-6.9	.	.	1	58	167	114	1	.	.	.	341
7.0-7.9	.	.	.	10	145	68	15	.	.	.	238
8.0-8.9	.	.	.	.	6	44	6	.	.	.	56
9.0-9.9	.	.	.	.	.	32	10	.	.	.	42
10.0+	.	.	.	.	.	10	41	5	.	.	56
TOTAL	157	968	1578	906	1004	617	78	5	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 14.4 MEAN TP(SEC)= 9.5 NO. OF CASES= 3116.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	61	88	35	.	5	.	.	.	.	.	189
2.0-2.9	17	219	340	44	22	.	.	.	.	.	642
3.0-3.9	.	249	260	188	49	3	1	.	.	.	750
4.0-4.9	.	13	265	80	143	39	1	.	.	.	541
5.0-5.9	.	.	92	138	41	47	.	.	.	.	318
6.0-6.9	.	.	1	63	71	18	.	.	.	.	153
7.0-7.9	.	.	.	1	61	10	.	.	.	.	72
8.0-8.9	.	.	.	.	8	25	.	.	.	.	33
9.0-9.9	.	.	.	.	.	29	3	.	.	.	32
10.0+	.	.	.	.	.	17	6	1	.	.	24
TOTAL	78	569	993	514	400	188	11	1	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 9.1 NO. OF CASES= 1621.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	20	65	27	.	.	.	.	.	.	.	112
2.0-2.9	37	201	133	46	1	6	.	.	.	.	424
3.0-3.9	.	148	157	128	53	.	.	.	.	.	486
4.0-4.9	.	17	212	54	104	22	.	.	.	.	409
5.0-5.9	.	.	78	78	27	30	.	.	.	.	213
6.0-6.9	.	.	1	66	30	13	1	.	.	.	111
7.0-7.9	.	.	.	3	49	8	3	.	.	.	63
8.0-8.9	.	.	.	.	3	20	1	.	.	.	24
9.0-9.9	.	.	.	.	.	8	.	.	.	.	8
10.0+	.	.	.	.	.	5	17	.	.	.	22
TOTAL	57	431	608	375	267	112	22	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 11.0 MEAN TP(SEC)= 9.1 NO. OF CASES= 1105.

STATION 26 50.42N 179.05W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	47	20	1	.	.	.	.	.	.	71
2.0-2.9	11	148	147	20	5	5	.	.	.	.	336
3.0-3.9	.	138	107	94	29	.	.	.	.	.	368
4.0-4.9	.	11	138	34	44	20	.	.	.	.	247
5.0-5.9	.	1	59	95	44	39	.	.	.	.	239
6.0-6.9	.	.	1	47	37	13	.	.	.	.	98
7.0-7.9	.	.	.	3	49	13	1	.	.	.	66
8.0-8.9	.	.	.	.	11	6	3	.	.	.	20
9.0-9.9	.	.	.	.	.	1	1	.	.	.	2
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14	345	472	294	219	97	5	0	0	0	

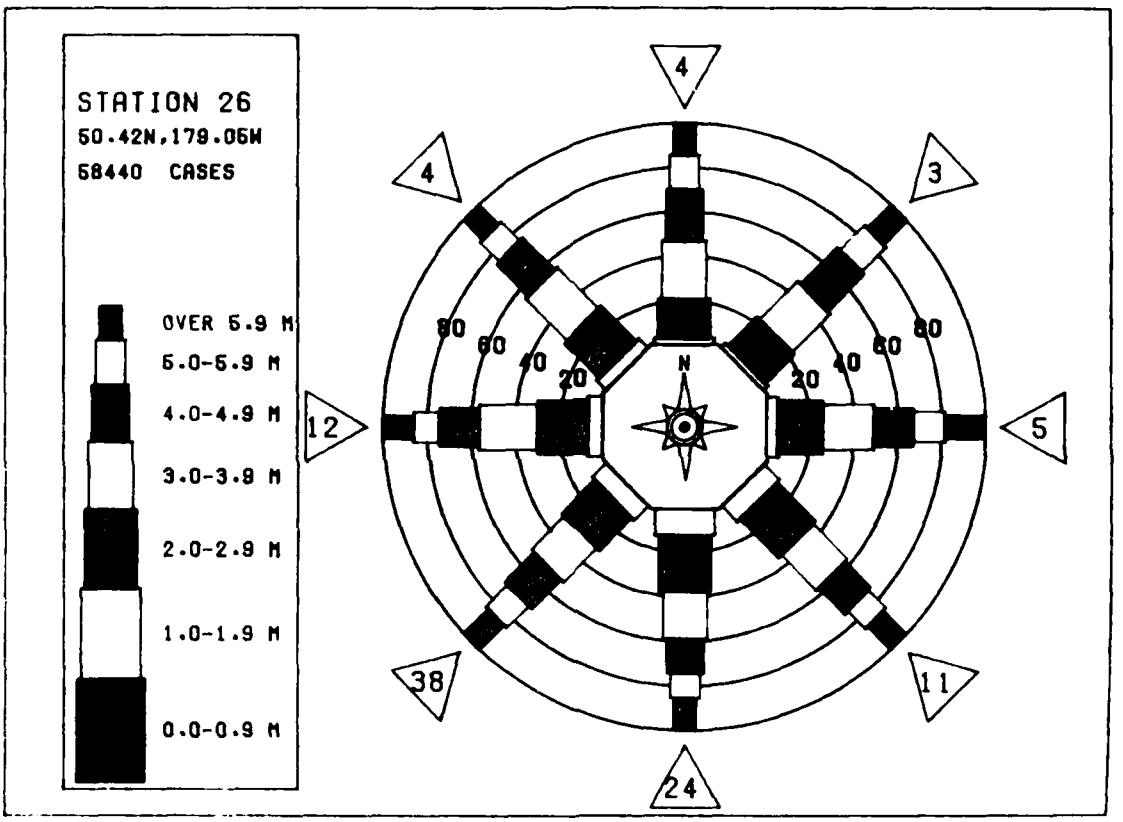
MEAN HS(M) = 4.1 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 9.1 NO. OF CASES= 858.

STATION 26 50.42N 179.05W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	9	6	.	.	.	.	.	.	.	.	15
1.0-1.9	130	405	295	30	7	.	.	.	.	.	867
2.0-2.9	106	573	1096	378	88	12	.	1	.	.	2254
3.0-3.9	.	507	464	629	541	109	5	.	.	.	2255
4.0-4.9	.	63	503	194	621	378	44	.	.	.	1803
5.0-5.9	.	2	201	276	237	481	74	.	.	.	1271
6.0-6.9	.	.	15	148	190	222	122	.	.	.	697
7.0-7.9	.	.	1	15	179	112	111	6	.	.	424
8.0-8.9	.	.	.	1	47	106	44	11	.	.	209
9.0-9.9	.	.	.	.	4	69	26	2	.	.	101
10.0+						21	49	5			75
TOTAL	245	1556	2575	1671	1914	1510	475	25	0	0	

MEAN HS(M)= 4.1 LARGEST HS(M)= 14.4 MEAN TP(SEC)= 9.8 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 26 (50.42N 179.05W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.9	5.1	4.5	4.4	4.5	2.8	2.6	2.6	3.6	3.3	4.4	4.9	3.9
1957	5.6	4.4	5.2	4.8	3.6	2.6	1.6	2.7	3.7	4.5	5.7	6.0	4.2
1958	6.4	4.3	6.2	4.8	3.9	3.0	2.9	2.2	3.6	4.7	5.4	5.0	4.4
1959	4.6	5.2	4.1	4.3	3.2	2.6	1.7	2.5	3.3	4.9	4.7	5.6	3.9
1960	5.7	5.3	4.2	3.4	3.1	2.6	2.4	2.9	2.9	4.9	5.1	5.8	4.0
1961	5.9	4.6	3.9	4.2	4.0	2.4	2.5	2.4	2.9	4.4	5.7	5.1	4.0
1962	4.6	5.8	5.3	2.4	2.9	3.2	2.1	3.0	2.7	4.6	5.0	4.9	3.9
1963	5.9	4.0	4.9	3.4	3.2	2.8	2.1	2.5	3.1	4.2	4.5	5.5	3.8
1964	5.3	5.3	5.0	4.6	2.7	2.7	3.1	3.0	3.9	3.8	5.4	5.3	4.2
1965	4.9	6.1	5.4	4.1	3.4	2.8	2.6	2.7	3.1	3.9	5.9	5.6	4.2
1966	5.5	5.9	3.8	4.2	3.1	2.3	2.5	2.6	2.8	3.7	4.8	5.0	3.9
1967	4.9	5.0	4.8	3.7	2.3	2.2	2.6	2.4	3.4	3.9	5.6	4.9	3.8
1968	5.1	4.8	4.1	3.6	2.5	2.2	2.8	2.4	2.7	4.0	4.9	4.6	3.6
1969	5.1	5.2	4.8	4.6	3.2	2.9	2.1	2.5	3.3	4.4	4.9	5.9	4.1
1970	4.6	6.0	5.4	4.9	2.4	2.6	2.6	2.6	2.8	4.3	5.0	5.5	4.1
1971	5.1	4.4	5.3	4.3	2.8	2.4	2.3	2.6	3.6	3.9	5.4	6.2	4.0
1972	7.1	5.1	5.5	4.4	3.7	3.3	2.8	3.0	3.9	5.0	6.9	5.8	4.7
1973	6.1	6.8	6.3	4.5	3.5	2.9	3.5	3.1	3.7	4.4	6.0	6.8	4.8
1974	5.6	5.8	5.3	4.6	4.3	2.6	3.1	3.3	3.3	4.4	6.8	5.8	4.6
1975	5.1	5.0	4.5	3.9	3.2	2.6	2.4	2.1	2.2	3.9	5.8	5.0	3.8
MEAN	5.3	5.2	4.9	4.2	3.3	2.7	2.5	2.7	3.2	4.3	5.4	5.5	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 26 (50.42N 179.05W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	9.0	7.6	11.5	11.5	8.2	7.8	4.4	7.0	6.4	6.4	8.8	9.4
1957	10.0	6.5	8.3	9.5	5.8	5.8	3.7	6.4	7.0	7.9	9.1	10.0
1958	12.7	9.6	11.4	9.1	9.0	5.8	4.7	4.7	12.5	9.1	14.4	11.1
1959	8.6	9.9	10.2	11.3	6.0	8.6	3.3	4.7	7.4	8.5	8.4	12.9
1960	10.1	11.0	7.7	6.3	5.8	5.0	4.9	5.9	5.3	10.2	10.4	9.2
1961	9.7	7.9	7.6	6.9	7.9	5.5	5.2	3.8	4.2	9.8	12.6	8.1
1962	10.2	9.5	8.7	5.5	6.4	8.0	3.6	6.6	5.6	10.2	8.3	10.8
1963	8.6	5.5	9.3	5.5	6.1	5.5	4.7	3.6	6.8	10.3	7.2	10.6
1964	9.0	9.0	8.6	8.4	5.8	9.8	5.4	5.0	7.4	9.2	11.8	11.5
1965	9.3	9.4	9.0	10.2	6.1	6.0	5.4	4.5	5.4	7.6	10.8	11.1
1966	11.0	10.5	6.6	8.2	6.4	3.9	5.3	4.8	6.8	8.4	9.0	10.3
1967	13.0	8.4	8.5	5.7	3.2	3.7	4.8	4.7	6.4	9.9	9.9	8.0
1968	10.9	8.4	7.5	6.3	5.8	4.4	4.0	4.1	6.6	7.7	9.6	8.1
1969	7.8	11.3	8.9	10.3	7.3	4.7	3.3	4.9	7.8	6.8	8.8	8.6
1970	6.7	10.4	9.2	9.4	3.5	6.7	4.2	6.6	7.1	8.7	7.9	8.7
1971	8.7	7.0	10.8	6.9	4.6	5.1	3.7	5.2	8.9	8.1	10.3	11.6
1972	13.4	9.0	11.1	10.6	7.9	5.4	6.0	6.1	8.1	9.7	13.2	12.7
1973	12.5	12.5	11.3	8.3	5.0	4.9	7.6	6.4	7.2	9.9	12.9	12.9
1974	9.3	9.7	7.0	7.2	9.5	5.1	5.8	7.7	6.2	7.8	13.2	10.8
1975	10.8	9.3	9.1	9.1	6.1	5.0	5.2	4.4	4.2	9.2	13.3	11.2

20 YR. STATISTICS FOR PACIFIC STATION 26 (50.42N 179.05W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	4.1
MEAN PEAK WAVE PERIOD (SECONDS)=	9.9
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.9
STANDARD DEVIATION OF TP(SECONDS)=	2.1
LARGEST HS(METRES)=	14.4
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	260.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	58110400

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	77	8	3	.	.	.	.	.	.	89
2.0-2.9	11	99	207	41	.	.	.	.	.	.	358
3.0-3.9	.	179	102	131	99	3	.	.	.	.	514
4.0-4.9	.	11	191	56	118	41	.	.	.	.	417
5.0-5.9	.	.	73	119	51	56	.	.	.	.	299
6.0-6.9	.	.	.	80	92	27	.	.	.	.	199
7.0-7.9	.	.	.	5	80	10	.	.	.	.	95
8.0-8.9	.	.	.	.	5	20	.	.	.	.	25
9.0-9.9	.	.	.	.	.	5	.	.	.	.	5
10.0+	.	.	.	.	.	1	10	.	.	.	11
TOTAL	12	366	581	435	445	163	10	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 12.1 MEAN TP(SEC)= 9.5 NO. OF CASES= 1184.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	44	25	1	.	.	.	.	.	.	71
2.0-2.9	10	121	184	59	.	.	.	.	.	.	374
3.0-3.9	.	169	111	210	75	22	.	.	.	.	587
4.0-4.9	.	10	145	68	183	32	.	.	.	.	438
5.0-5.9	.	.	54	71	47	46	.	.	.	.	218
6.0-6.9	.	.	.	46	46	44	3	.	.	.	139
7.0-7.9	.	.	.	5	35	20	1	.	.	.	61
8.0-8.9	.	.	.	.	10	49	5	.	.	.	64
9.0-9.9	.	.	.	.	1	27	1	.	.	.	29
10.0+	.	.	.	.	.	1	.	.	.	.	1
TOTAL	11	344	519	460	397	241	10	0	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 9.6 NO. OF CASES= 1169.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	47	29	.	.	.	.	.	.	.	84
2.0-2.9	27	111	145	58	5	.	.	.	.	.	346
3.0-3.9	.	142	87	165	71	27	1	.	.	.	493
4.0-4.9	.	10	160	82	189	23	17	.	.	.	481
5.0-5.9	.	.	46	71	29	46	13	.	.	.	205
6.0-6.9	.	.	5	56	58	37	8	.	.	.	164
7.0-7.9	.	.	.	1	30	15	6	.	.	.	52
8.0-8.9	.	.	.	.	6	34	1	1	.	.	42
9.0-9.9	.	.	.	.	.	20	.	.	.	.	20
10.0+	.	.	.	.	.	8	6	.	.	.	14
TOTAL	35	310	472	433	388	210	52	1	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 11.4 MEAN TP(SEC)= 9.7 NO. OF CASES= 1123.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	78	32	5	.	.	.	.	.	.	125
2.0-2.9	23	94	195	100	23	1	.	.	.	.	436
3.0-3.9	.	123	82	121	143	58	5	.	.	.	532
4.0-4.9	.	11	147	49	169	145	11	.	.	.	532
5.0-5.9	.	.	46	104	66	107	20	.	.	.	343
6.0-6.9	.	.	1	44	23	77	13	.	.	.	158
7.0-7.9	.	.	.	3	30	32	32	.	.	.	97
8.0-8.9	.	.	.	.	10	15	17	.	.	.	42
9.0-9.9	.	.	.	.	1	20	5	5	.	.	31
10.0+	.	.	.	.	.	3	8	.	.	.	11
TOTAL	33	306	503	426	465	458	111	5	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 11.4 MEAN TP(SEC)= 10.1 NO. OF CASES= 1361.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	11	63	63	3							140
2.0-2.9	44	237	219	128	49	6		6			689
3.0-3.9		155	82	164	112	71	8				592
4.0-4.9		25	104	46	124	160	18	3			480
5.0-5.9			61	58	42	112	65				338
6.0-6.9			13	66	47	75	68	1			270
7.0-7.9				8	49	30	44	18			149
8.0-8.9					18	30	15	5			68
9.0-9.9						15	1	3			19
10.0+											0
TOTAL	55	480	542	473	441	499	219	36	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 10.1 NO. OF CASES= 1620.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9		5									5
1.0-1.9	13	63	135	54							265
2.0-2.9	53	207	400	212	85	29	1				987
3.0-3.9		236	176	246	225	88	10				981
4.0-4.9		42	150	42	181	140	42	1			598
5.0-5.9		1	121	87	59	210	82				560
6.0-6.9			29	65	39	83	56	3			275
7.0-7.9				18	61	32	66	8			185
8.0-8.9					8	41	22				71
9.0-9.9					3	25	6				34
10.0+						6					6
TOTAL	66	554	1011	724	661	654	285	12	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 11.0 MEAN TP(SEC)= 10.1 NO. OF CASES= 2332.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3	54									57
1.0-1.9	49	316	207	53	1						626
2.0-2.9	102	326	542	222	104	25					1321
3.0-3.9		400	201	174	388	83	5				1251
4.0-4.9		71	319	63	284	164	44	1			946
5.0-5.9		10	212	140	68	246	66				742
6.0-6.9			29	157	59	114	82				441
7.0-7.9				23	131	51	53	15			273
8.0-8.9				5	41	44	17				107
9.0-9.9					13	39	15				67
10.0+						18	17				35
TOTAL	154	1177	1510	837	1089	784	299	16	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 12.4 MEAN TP(SEC)= 9.7 NO. OF CASES= 3442.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1	27									28
1.0-1.9	172	477	349	46	27						1071
2.0-2.9	169	633	975	328	90	1					2196
3.0-3.9	3	574	412	468	516	114	3				2090
4.0-4.9		73	347	95	361	308	25				1209
5.0-5.9		5	172	171	133	342	78				901
6.0-6.9			34	164	130	138	73				539
7.0-7.9			8	20	104	25	30	10			197
8.0-8.9				10	34	29	5	3			81
9.0-9.9					11	56	6				73
10.0+						18	30				48
TOTAL	345	1789	2297	1302	1406	1031	250	13	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 9.4 NO. OF CASES= 4943.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	17	6	.	.	.	.	.	.	.	.	23
1.0-1.9	229	509	492	54	.	.	.	.	.	.	1284
2.0-2.9	162	740	1558	583	61	5	.	.	.	.	3109
3.0-3.9	5	552	415	698	503	121	1	.	.	.	2295
4.0-4.9	.	92	415	154	434	391	20	.	.	.	1506
5.0-5.9	.	3	263	181	179	419	82	.	.	.	1127
6.0-6.9	.	.	37	188	123	181	138	.	.	.	667
7.0-7.9	.	.	5	27	148	70	59	.	.	.	309
8.0-8.9	.	.	.	3	65	162	51	10	.	.	291
9.0-9.9	.	.	.	.	3	78	23	1	.	.	105
10.0+	.	.	.	.	1	20	37	5	.	.	63
TOTAL	413	1902	3185	1888	1517	1447	411	16	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 13.3 MEAN TP(SEC)= 9.5 NO. OF CASES= 6315.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	17	.	.	.	.	.	.	.	.	.	17
1.0-1.9	227	778	580	25	.	.	.	.	.	.	1610
2.0-2.9	193	800	1986	593	66	.	.	.	.	.	3638
3.0-3.9	1	506	503	1086	918	114	1	.	.	.	3129
4.0-4.9	.	95	527	280	930	759	35	.	.	.	2626
5.0-5.9	.	.	273	367	373	879	71	.	.	.	1963
6.0-6.9	.	.	20	189	333	443	220	.	.	.	1205
7.0-7.9	.	.	1	25	318	253	284	3	.	.	894
8.0-8.9	.	.	.	1	56	201	131	22	.	.	411
9.0-9.9	.	.	.	.	1	87	92	34	.	.	214
10.0+	.	.	.	.	.	30	75	13	.	.	118
TOTAL	438	2179	3890	2566	2995	2766	909	72	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.8 MEAN TP(SEC)= 10.0 NO. OF CASES= 9259.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	299	672	415	41	3	.	.	.	.	.	1430
2.0-2.9	135	882	2113	708	143	1	.	.	.	.	3982
3.0-3.9	.	648	797	1257	1172	147	15	.	.	.	4036
4.0-4.9	.	68	679	335	1545	985	17	.	.	.	3629
5.0-5.9	.	.	201	554	624	1214	174	.	.	.	2767
6.0-6.9	.	.	17	229	396	521	369	1	.	.	1533
7.0-7.9	.	.	.	15	284	236	347	17	.	.	899
8.0-8.9	.	.	.	.	30	198	123	13	.	.	364
9.0-9.9	.	.	.	.	1	111	66	6	.	.	184
10.0+	.	.	.	.	.	34	100	3	.	.	137
TOTAL	439	2270	4222	3139	4198	3447	1211	40	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 13.2 MEAN TP(SEC)= 10.2 NO. OF CASES= 11098.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	213	391	287	8	27	.	.	.	.	.	926
2.0-2.9	128	797	1435	268	41	11	.	.	.	.	2680
3.0-3.9	.	675	775	985	530	49	8	.	.	.	3022
4.0-4.9	.	41	704	308	882	362	13	.	.	.	2310
5.0-5.9	.	3	157	427	460	624	15	.	.	.	1686
6.0-6.9	.	.	5	107	340	301	70	.	.	.	823
7.0-7.9	.	.	.	8	232	208	75	.	.	.	523
8.0-8.9	.	.	.	.	27	164	23	.	.	.	214
9.0-9.9	.	.	.	.	.	102	35	.	.	.	137
10.0+	.	.	.	.	.	8	94	.	.	.	102
TOTAL	342	1907	3363	2111	2539	1829	333	0	0	0	

MEAN HS(M) = 4.1 LARGEST HS(M)= 13.3 MEAN TP(SEC)= 9.7 NO. OF CASES= 7275.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	77	244	23	1	.	.	.	.	.	.	345
2.0-2.9	41	420	539	90	6	3	.	.	.	.	1039
3.0-3.9	.	314	309	379	198	6	.	.	.	.	1206
4.0-4.9	.	35	424	142	316	99	.	.	.	.	1015
5.0-5.9	.	1	109	183	104	174	.	.	.	.	571
6.0-6.9	.	.	1	90	174	95	6	.	.	.	366
7.0-7.9	.	.	.	3	124	68	8	.	.	.	203
8.0-8.9	.	.	.	.	17	83	11	.	.	.	111
9.0-9.9	.	.	.	.	.	44	10	.	.	.	54
10.0+	.	.	.	.	.	11	54	5	.	.	70
TOTAL	118	1014	1405	888	939	583	89	5	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 14.9 MEAN TP(SEC)= 9.5 NO. OF CASES= 2960.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9		1		.	.	.	.	.	.	.	1
1.0-1.9	30	114	29	.	5	.	.	.	.	.	178
2.0-2.9	30	272	287	47	3	.	.	.	.	.	639
3.0-3.9	1	263	292	198	59	5	.	.	.	.	818
4.0-4.9	.	25	405	95	130	18	1	.	.	.	674
5.0-5.9	.	.	109	174	61	41	1	.	.	.	386
6.0-6.9	.	.	3	131	97	17	.	.	.	.	248
7.0-7.9	.	.	.	10	142	29	.	.	.	.	181
8.0-8.9	.	.	.	.	34	34	.	.	.	.	68
9.0-9.9	.	.	.	.	.	23	.	.	.	.	23
10.0+	.	.	.	.	.	10	10	5	.	.	25
TOTAL	61	675	1125	655	531	177	12	5	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 16.0 MEAN TP(SEC)= 9.2 NO. OF CASES= 1905.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9		1		.	.	.	.	.	.	.	1
1.0-1.9	25	42	13	.	3	.	.	.	.	.	83
2.0-2.9	17	155	249	23	10	.	.	.	.	.	454
3.0-3.9	.	222	157	121	37	10	.	.	.	.	547
4.0-4.9	.	6	227	80	118	23	1	.	.	.	455
5.0-5.9	.	.	78	133	49	34	.	.	.	.	294
6.0-6.9	.	.	5	46	80	30	1	.	.	.	162
7.0-7.9	.	.	.	.	82	17	1	.	.	.	100
8.0-8.9	.	.	.	.	11	23	.	.	.	.	34
9.0-9.9	.	.	.	.	.	25	3	.	.	.	28
10.0+	.	.	.	.	.	13	32	1	.	.	46
TOTAL	42	426	729	403	390	175	38	1	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 15.1 MEAN TP(SEC)= 9.4 NO. OF CASES= 1301.

STATION 27 49.87N 177.95E AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

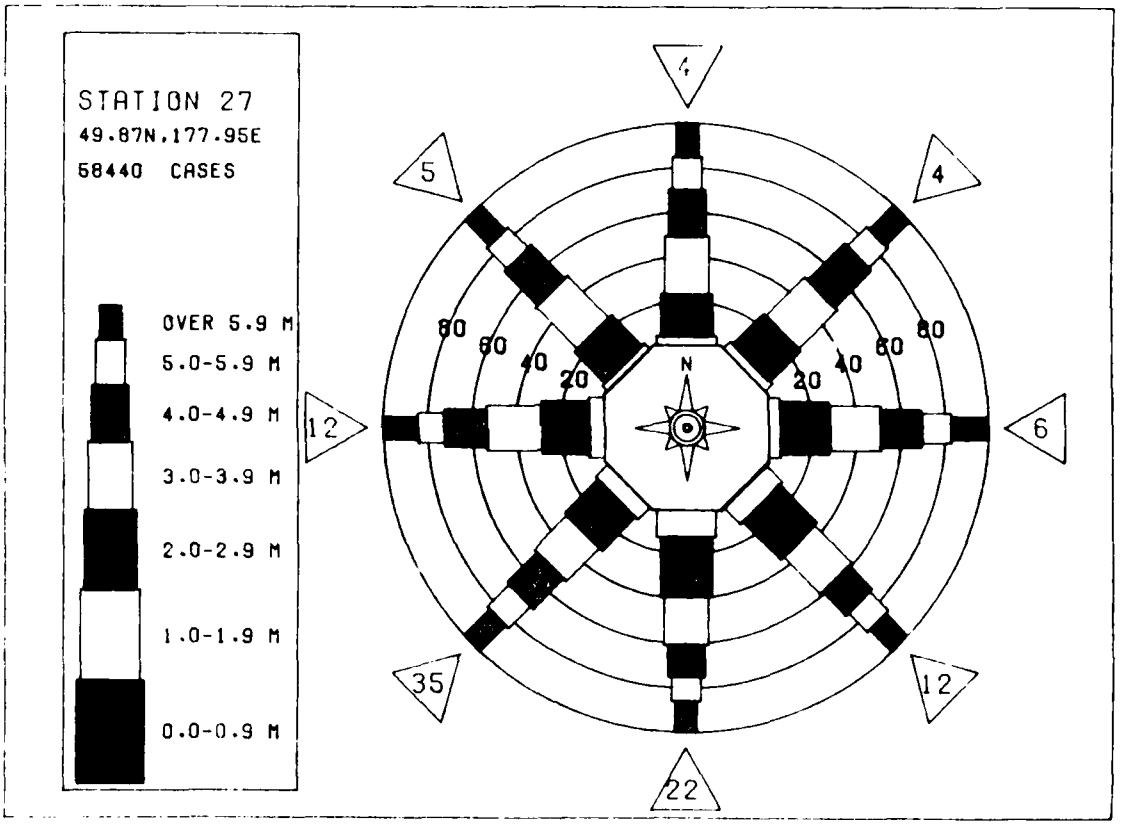
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	5	49	8	1	.	.	.	.	.	.	63
2.0-2.9	15	195	179	15	5	.	.	.	.	.	409
3.0-3.9	.	159	162	133	75	1	.	.	.	.	530
4.0-4.9	.	11	246	51	100	22	1	.	.	.	431
5.0-5.9	.	.	71	131	37	42	.	.	.	.	281
6.0-6.9	.	.	3	63	51	32	1	.	.	.	150
7.0-7.9	.	.	.	1	32	11	3	.	.	.	47
8.0-8.9	.	.	.	.	8	8	1	.	.	.	17
9.0-9.9	.	.	.	.	1	15	.	.	.	.	16
10.0+	.	.	.	.	.	.	8	.	.	.	8
TOTAL	20	414	669	395	309	131	14	0	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 9.2 NO. OF CASES= 1153.

STATION 27 49.87N 177.95E FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	TOTAL
0. -0.9	4	9	.	.	.	.	.	.	.	.	13
1.0-1.9	137	397	270	30	6	.	.	.	.	.	840
2.0-2.9	116	609	1122	348	69	8	.	.	.	.	2272
3.0-3.9	1	532	466	654	513	92	6	.	.	.	2264
4.0-4.9	.	63	519	195	607	368	25	.	.	.	1777
5.0-5.9	.	2	205	297	239	459	67	.	.	.	1269
6.0-6.9	.	.	20	172	209	222	111	.	.	.	734
7.0-7.9	.	.	1	17	189	111	101	7	.	.	426
8.0-8.9	.	.	.	2	38	114	42	5	.	.	201
9.0-9.9	.	.	.	.	4	69	27	5	.	.	105
10.0+	.	.	.	.	.	18	48	3	.	.	69
TOTAL	258	1612	2603	1715	1874	1461	427	20	0	0	

MEAN HS(M)= 4.1 LARGEST HS(M)= 16.0 MEAN TP(SEC)= 9.8 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 27 (49.87N 177.95E)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	4.1	5.0	4.5	4.4	4.4	2.7	2.4	2.6	3.4	3.2	4.4	4.9
1957	5.5	4.4	5.1	4.7	3.5	2.6	1.6	2.6	3.6	4.5	5.7	6.1
1958	6.5	4.4	6.2	4.8	3.9	2.8	2.9	2.1	3.5	4.7	5.5	5.3
1959	4.7	5.2	4.0	4.3	3.1	2.7	1.6	2.4	3.5	5.0	5.4	5.9
1960	5.7	5.3	4.5	3.5	3.0	2.6	1.4	2.7	2.9	4.8	5.5	5.9
1961	6.0	4.6	4.0	4.1	4.0	2.4	2.4	2.4	2.8	4.3	5.5	5.2
1962	4.9	5.1	5.4	2.5	3.0	2.7	2.2	3.0	4.7	4.9	5.0	5.9
1963	5.7	4.1	4.9	3.4	3.3	2.7	2.1	2.4	3.2	4.2	5.5	5.6
1964	5.1	5.2	4.9	4.6	2.6	2.8	3.0	2.9	3.7	3.7	5.5	5.2
1965	4.9	6.1	5.1	4.0	3.5	2.8	2.6	2.7	3.0	3.7	5.9	5.7
1966	5.5	6.1	4.2	4.2	3.2	2.3	2.4	2.6	2.9	3.7	4.4	5.2
1967	4.9	4.9	5.0	3.7	2.4	2.3	2.6	2.4	3.4	3.7	5.1	5.0
1968	5.4	4.7	4.2	3.7	2.7	2.3	2.7	2.5	2.9	4.1	5.3	5.7
1969	5.3	5.2	4.8	4.7	3.3	2.9	2.1	2.8	3.2	4.1	5.9	5.9
1970	4.8	6.0	5.2	4.8	2.5	2.6	2.6	2.6	2.8	4.2	5.3	5.5
1971	5.1	4.7	5.2	4.3	2.8	2.9	2.3	2.4	2.6	4.0	5.3	5.6
1972	6.7	5.3	5.5	4.5	3.8	3.3	2.8	2.8	4.0	4.9	6.3	5.7
1973	6.1	6.8	6.3	4.6	3.5	2.9	3.6	3.1	3.5	4.3	6.0	7.0
1974	5.8	6.0	5.4	4.7	4.2	2.8	3.1	3.3	3.3	4.3	6.8	6.3
1975	5.2	5.1	4.3	3.9	3.3	2.5	2.3	2.1	2.2	3.9	6.0	5.3
MEAN	5.4	5.2	4.9	4.2	3.3	2.7	2.5	2.6	3.2	4.2	5.4	5.6

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 27 (49.87N 177.95E)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.9	8.0	11.3	10.1	8.5	6.7	5.1	6.4	6.1	7.2	8.2	9.9
1957	9.8	6.6	8.1	9.1	4.9	5.1	3.7	5.6	7.2	7.9	9.5	11.3
1958	12.7	9.6	11.7	8.8	9.7	5.2	4.9	5.4	12.1	9.5	14.1	12.2
1959	9.3	10.7	10.1	10.6	5.9	8.4	3.0	4.4	9.1	8.8	8.0	12.6
1960	10.0	9.9	7.5	6.2	6.2	4.7	4.7	5.3	5.5	9.9	10.0	9.6
1961	9.5	7.5	8.4	6.6	9.4	4.8	4.5	4.0	5.9	10.6	12.2	8.6
1962	9.2	9.9	10.0	5.6	4.9	8.1	4.5	6.1	5.3	11.2	8.8	11.5
1963	8.8	6.1	8.3	5.7	6.2	5.4	4.8	3.3	6.5	10.4	7.7	12.3
1964	8.6	9.6	6.5	8.7	5.1	7.4	5.1	5.3	6.4	7.8	10.5	10.5
1965	8.7	9.9	8.3	10.1	4.8	5.5	6.1	5.6	5.1	7.5	9.4	11.4
1966	13.3	10.7	9.4	8.7	6.3	3.7	5.8	5.5	6.4	6.7	9.2	11.0
1967	13.8	8.1	7.8	5.5	3.2	4.2	5.0	4.6	7.3	9.5	10.7	9.5
1968	12.7	8.2	8.0	7.7	5.9	3.9	3.9	3.8	7.0	7.0	13.2	8.1
1969	9.2	11.1	9.7	9.1	8.0	4.6	3.1	5.6	7.8	7.0	8.7	8.6
1970	7.0	11.7	9.7	9.5	5.8	5.9	4.1	7.5	7.8	9.4	8.0	8.2
1971	8.4	6.9	8.6	8.6	4.2	5.5	3.4	5.1	7.7	8.2	9.4	11.7
1972	11.9	9.2	10.1	9.3	7.7	6.4	5.8	4.9	7.1	9.5	12.9	10.6
1973	11.4	11.6	12.5	8.5	4.9	5.3	7.7	6.9	7.4	9.2	12.4	10.3
1974	9.2	9.8	7.7	7.0	9.4	7.4	6.2	7.2	7.4	7.3	13.3	10.9
1975	10.5	9.9	9.6	7.8	7.0	4.9	4.7	3.7	3.7	9.7	16.0	14.9

20 YR. STATISTICS FOR PACIFIC STATION 27 (49.87N 177.95E)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	4.1
MEAN PEAK WAVE PERIOD (SECONDS)=	9.1
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.3
STANDARD DEVIATION OF TP(SECONDS)=	2.1
LARGEST HS(METRES)=	16.0
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	10.7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	292.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	75112218

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	6	35	11	6							58
2.0-2.9	32	174	189	41	3						439
3.0-3.9		119	181	133	70	1					504
4.0-4.9		5	225	54	135	18	1				438
5.0-5.9			77	83	35	42	1				238
6.0-6.9			6	58	66	23	6				159
7.0-7.9					73	5	3				81
8.0-8.9					8	10	1				19
9.0-9.9						11					11
10.0+						15	6				21
TOTAL	38	333	689	375	390	125	18	0	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 13.5 MEAN TP(SEC)= 9.3 NO. OF CASES= 1164.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	10	41	11	1							63
2.0-2.9	22	160	177	41	10						410
3.0-3.9		265	143	131	157	23	1				720
4.0-4.9		23	268	111	172	46					620
5.0-5.9			116	107	114	121					458
6.0-6.9			3	66	136	65	1				271
7.0-7.9				6	71	61	5				143
8.0-8.9					11	29					40
9.0-9.9					5	25					30
10.0+						8	5				13
TOTAL	32	489	718	463	676	378	12	0	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 13.2 MEAN TP(SEC)= 9.7 NO. OF CASES= 1630.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	5	30	54	1							90
2.0-2.9	18	114	138	29	10	5					314
3.0-3.9		251	145	150	80	17	10				653
4.0-4.9		20	205	53	136	58					472
5.0-5.9			85	106	65	39	5				300
6.0-6.9			3	88	90	15	3				199
7.0-7.9				10	75	25					110
8.0-8.9					17	35		1			53
9.0-9.9						18					18
10.0+						3					3
TOTAL	23	415	630	437	473	215	18	1	0	0	

MEAN HS(M) = 4.4 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 9.5 NO. OF CASES= 1303.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	18	77	95	3	1						194
2.0-2.9	39	90	234	63	42	13					481
3.0-3.9	3	186	140	121	92	27	13				582
4.0-4.9		17	169	71	167	39	8	3			474
5.0-5.9			118	116	75	70	17				396
6.0-6.9			6	68	66	41	13				194
7.0-7.9				6	70	20	18				114
8.0-8.9					23	42	17	3			85
9.0-9.9						15					15
10.0+						8	10				18
TOTAL	60	370	762	448	536	275	96	6	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 10.8 MEAN TP(SEC)= 9.7 NO. OF CASES= 1505.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	10	80	87	17	6						200
2.0-2.9	42	172	140	109	30	23	5				521
3.0-3.9		186	104	124	159	80	22	3			678
4.0-4.9		29	155	32	150	90	54				510
5.0-5.9		3	102	39	58	162	58				422
6.0-6.9			10	56	34	65	54	1			220
7.0-7.9				8	51	20	18	27			124
8.0-8.9					37	18	17				72
9.0-9.9						20	3				23
10.0+							20				20
TOTAL	52	470	598	385	525	478	231	31	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 12.4 MEAN TP(SEC)= 10.2 NO. OF CASES= 1632.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	18	54	71	70	5						218
2.0-2.9	80	249	260	261	148	53	3				1054
3.0-3.9	1	234	99	188	200	104	41	1			868
4.0-4.9		53	232	68	225	249	15				842
5.0-5.9		3	160	145	102	138	82				530
6.0-6.9			17	66	68	87	87	8			333
7.0-7.9				13	85	18	65	22			203
8.0-8.9				1	32	47	5				85
9.0-9.9					3	20					23
10.0+						15	13				28
TOTAL	99	593	839	812	868	731	311	31	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 11.8 MEAN TP(SEC)= 10.2 NO. OF CASES= 2518.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9		15									15
1.0-1.9	66	210	249	82	13						620
2.0-2.9	106	354	585	316	107	70	5				1543
3.0-3.9		398	242	302	379	116	10				1447
4.0-4.9		66	335	71	232	269	77				1070
5.0-5.9		1	183	138	150	212	102				786
6.0-6.9			22	131	97	87	68	17			423
7.0-7.9				22	136	35	58	3			254
8.0-8.9					25	39	23	3			90
9.0-9.9					3	18					21
10.0+					1	13	34				48
TOTAL	172	1044	1616	1062	1143	879	377	23	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 12.1 MEAN TP(SEC)= 9.8 NO. OF CASES= 3706.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9		1									1
1.0-1.9	109	501	511	82	15						1011
2.0-2.9	142	561	1190	686	130	22					2731
3.0-3.9	3	460	407	504	600	160	6				2140
4.0-4.9		63	316	130	407	330	56				1302
5.0-5.9		5	172	111	164	371	59				882
6.0-6.9			11	138	133	92	75				449
7.0-7.9			1	17	109	61	46				234
8.0-8.9					37	75	34	3			149
9.0-9.9					6	44	27	3			80
10.0+						17	46	1			64
TOTAL	254	1591	2608	1668	1621	1172	349	7	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 13.6 MEAN TP(SEC)= 9.6 NO. OF CASES= 5431.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =190.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	13	29		1		.	.	.	.	.	43
1.0-1.9	191	749	973	61	11	.	.	.	.	.	1985
2.0-2.9	196	703	1925	924	189	3	.	.	.	.	3940
3.0-3.9	.	525	456	838	795	111	6	.	.	.	2731
4.0-4.9	.	85	381	104	477	446	66	.	.	.	1641
5.0-5.9	.	3	256	246	184	501	73	.	.	.	1263
6.0-6.9	.	.	18	148	126	241	103	.	.	.	636
7.0-7.9	.	.	3	23	140	130	130	.	.	.	426
8.0-8.9	.	.	.	3	42	92	106	1	.	.	244
9.0-9.9	.	.	.	.	6	97	47	5	.	.	155
10.0+						34	49	6			89
TOTAL	400	2094	4012	2428	1970	1655	602	12	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 14.8 MEAN TP(SEC)= 9.6 NO. OF CASES= 7715.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	22		1		.	.	.	.	.	28
1.0-1.9	167	934	983	54	18	.	6	.	.	.	2162
2.0-2.9	133	872	2051	1045	183	1	.	.	.	.	4285
3.0-3.9	1	491	549	1100	1101	228	.	.	.	.	3470
4.0-4.9	.	77	484	234	1076	841	29	.	.	.	2741
5.0-5.9	.	1	246	333	331	622	169	.	.	.	1703
6.0-6.9	.	.	20	234	284	504	232	.	.	.	1274
7.0-7.9	.	.	.	35	254	217	242	1	.	.	749
8.0-8.9	.	.	.	.	73	143	111	5	.	.	332
9.0-9.9	.	.	.	.	6	24	49	8	.	.	87
10.0+						20	112				132
TOTAL	306	2397	4333	3036	3366	2904	941	14	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 14.4 MEAN TP(SEC)= 10.0 NO. OF CASES= 10103.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =215.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	[illegible]										
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL											

MEAN HS(M) = [illegible] LARGEST HS(M)= [illegible] MEAN TP(SEC)= [illegible] NO. OF CASES= [illegible]

[illegible] AZIMUTH(DEGREES) =[illegible]
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL											

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COASTAL ENGINEERING RESEARCH CENTER VICKSBURG MS
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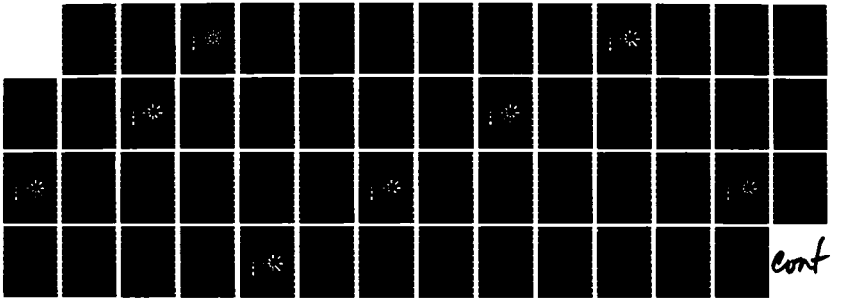

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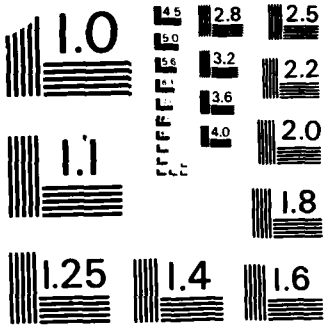


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	37	177	46	.	1	.	.	.	.	.	261
2.0-2.9	29	326	313	121	20	.	.	.	.	.	809
3.0-3.9	.	277	291	244	121	8	.	.	.	.	911
4.0-4.9	.	35	326	112	217	66	1	.	.	.	757
5.0-5.9	.	.	46	118	95	75	.	.	.	.	334
6.0-6.9	.	.	1	82	126	49	1	.	.	.	259
7.0-7.9	.	.	1	5	58	39	10	.	.	.	113
8.0-8.9	.	.	.	.	8	32	1	.	.	.	41
9.0-9.9	.	.	.	.	1	27	.	.	.	.	28
10.0+	.	.	.	.	.	1	20	.	.	.	21
TOTAL	66	815	994	682	647	297	33	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 13.8 MEAN TP(SEC)= 9.3 NO. OF CASES= 2078.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	13	68	35	.	.	.	.	.	.	.	116
2.0-2.9	25	219	249	35	13	.	.	.	.	.	541
3.0-3.9	.	239	148	107	53	1	.	.	.	.	548
4.0-4.9	.	6	231	44	87	17	1	.	.	.	386
5.0-5.9	.	.	75	71	29	41	.	.	.	.	216
6.0-6.9	.	.	5	68	27	11	.	.	.	.	111
7.0-7.9	.	.	.	6	61	8	.	.	.	.	75
8.0-8.9	.	.	.	.	11	23	.	.	.	.	34
9.0-9.9	.	.	.	.	.	8	.	.	.	.	8
10.0+	.	.	.	.	.	1	13	.	.	.	14
TOTAL	38	532	743	331	281	110	14	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 16.2 MEAN TP(SEC)= 8.9 NO. OF CASES= 1209.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	27	27	.	.	.	.	.	.	.	60
2.0-2.9	32	152	133	23	1	.	.	.	.	.	341
3.0-3.9	.	207	147	94	34	1	.	.	.	.	483
4.0-4.9	.	22	157	37	66	6	.	.	.	.	288
5.0-5.9	.	.	58	154	51	35	.	.	.	.	298
6.0-6.9	.	.	1	70	66	18	.	.	.	.	155
7.0-7.9	.	.	.	3	73	13	.	.	.	.	89
8.0-8.9	.	.	.	.	11	13	.	.	.	.	24
9.0-9.9	.	.	.	.	.	6	.	.	.	.	6
10.0+	.	.	.	.	.	5	11	.	.	.	16
TOTAL	38	408	523	381	302	97	11	0	0	0	

MEAN HS(M) = 4.3 LARGEST HS(M)= 13.0 MEAN TP(SEC)= 9.2 NO. OF CASES= 1039.

STATION 28 51.05N 174.00E AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	25	8	5	.	.	.	.	.	.	43
2.0-2.9	27	165	171	35	3	.	.	.	.	.	401
3.0-3.9	.	157	131	126	53	5	.	.	.	.	472
4.0-4.9	.	13	169	32	78	13	.	.	.	.	305
5.0-5.9	.	.	53	88	46	29	.	.	.	.	216
6.0-6.9	.	.	.	47	46	15	.	.	.	.	108
7.0-7.9	.	.	.	3	35	18	.	.	.	.	56
8.0-8.9	.	.	.	.	8	11	.	.	.	.	19
9.0-9.9	.	.	.	.	.	18	.	.	.	.	18
10.0+	.	.	.	.	.	11	18	.	.	.	29
TOTAL	32	360	532	336	269	120	18	0	0	0	

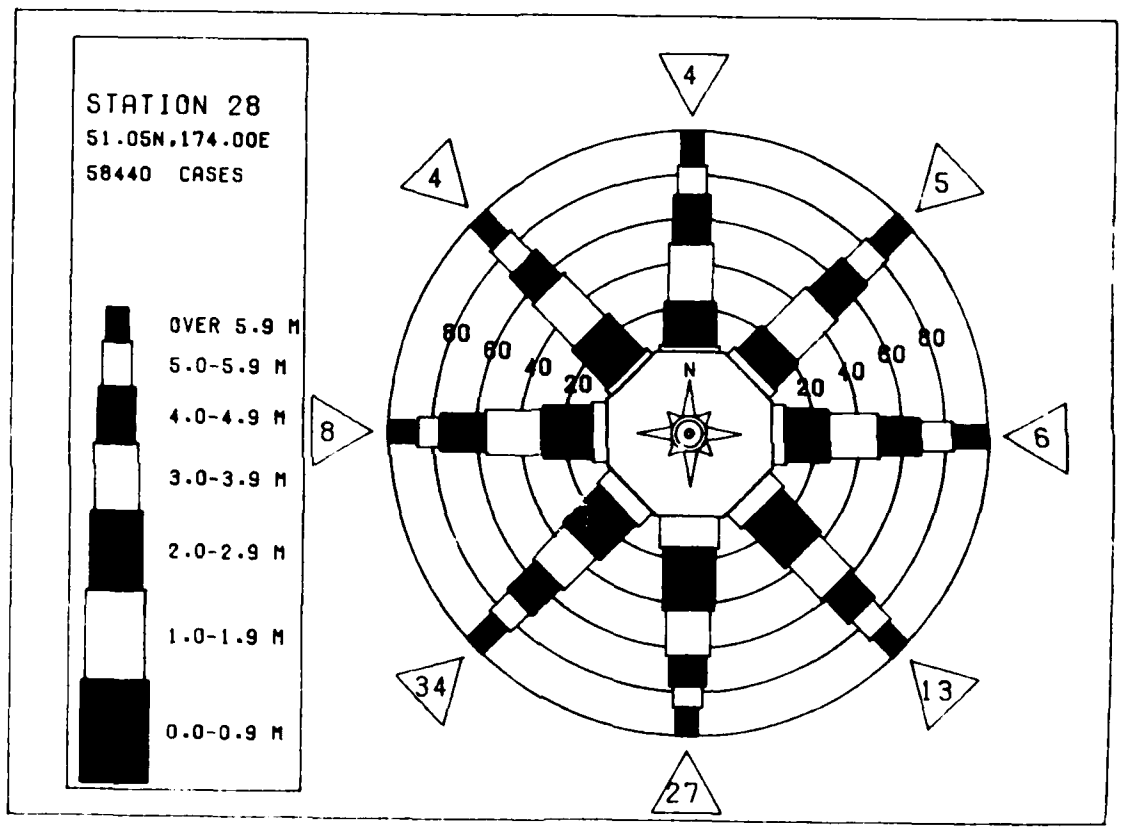
MEAN HS(M) = 4.2 LARGEST HS(M)= 14.2 MEAN TP(SEC)= 9.2 NO. OF CASES= 985.

STATION 28 51.05N 174.00E FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	3	7	.	.	.	.	.	.	.	.	10
1.0-1.9	109	399	393	41	8	.	.	.	.	.	950
2.0-2.9	116	572	1096	511	101	19	1	.	.	.	2416
3.0-3.9	1	494	458	628	540	107	12	.	.	.	2240
4.0-4.9	.	57	491	192	587	344	30	.	.	.	1701
5.0-5.9	.	2	205	277	239	405	69	.	.	.	1197
6.0-6.9	.	.	14	161	221	204	98	2	.	.	700
7.0-7.9	.	.	.	17	182	112	88	5	.	.	404
8.0-8.9	.	.	.	.	40	104	44	1	.	.	189
9.0-9.9	.	.	.	.	3	60	23	1	.	.	87
10.0+	.	.	.	.	.	21	53	1	0	0	75
TOTAL	229	1531	2657	1827	1921	1376	418	10	0	0	

MEAN HS(M)= 4.0 LARGEST HS(M)= 16.2 MEAN TP(SEC)= 9.8 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 28 (51.05N 174.00E)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	4.3	4.9	4.2	4.2	4.1	2.5	2.3	2.6	3.4	3.5	4.4	5.2	3.8
1957	5.4	4.4	4.9	4.5	3.3	2.4	1.6	2.6	3.5	4.3	5.4	6.0	4.0
1958	6.0	4.1	6.3	4.5	3.8	2.4	2.7	2.1	3.2	4.5	5.4	5.4	4.2
1959	4.9	4.9	3.7	4.3	3.1	2.6	1.7	2.4	3.4	4.9	4.4	5.5	3.8
1960	5.6	5.4	4.7	3.5	3.0	2.6	2.4	2.6	2.9	5.0	5.0	5.8	4.0
1961	5.8	4.4	3.8	4.3	4.0	2.5	2.5	2.4	3.0	4.4	5.5	5.3	4.0
1962	4.8	5.4	5.6	2.8	3.1	2.1	2.4	2.9	2.5	4.4	4.9	4.6	3.9
1963	5.4	3.8	4.9	4.5	3.7	2.6	2.3	2.3	3.2	3.9	4.7	5.5	3.8
1964	4.7	5.0	4.8	4.2	2.5	2.5	2.8	2.8	3.5	3.6	4.8	4.7	3.8
1965	4.7	6.0	4.5	3.7	3.3	2.5	2.4	2.5	2.9	3.5	6.2	5.3	4.0
1966	5.2	6.2	4.2	4.0	3.3	2.3	2.3	2.6	2.9	3.6	5.0	5.2	3.9
1967	4.9	4.6	5.3	3.9	2.4	2.3	2.6	2.3	3.1	3.8	5.7	5.2	3.8
1968	5.8	4.5	4.2	3.7	2.7	2.1	2.6	2.4	2.9	4.2	5.2	4.9	3.8
1969	5.9	4.9	4.9	4.4	3.3	2.8	2.1	2.7	3.0	3.6	4.7	5.2	4.0
1970	4.8	5.7	5.0	4.5	2.4	2.8	2.5	2.7	2.7	4.1	5.5	5.6	4.0
1971	5.0	4.8	5.0	4.4	2.6	2.6	2.3	2.3	3.4	4.3	5.4	6.2	4.0
1972	6.2	5.0	5.3	4.5	3.8	2.3	2.8	2.5	4.1	4.7	6.5	5.5	4.5
1973	5.8	6.9	6.2	4.6	3.4	2.7	2.4	3.0	3.2	4.2	6.3	6.8	4.7
1974	6.1	5.7	5.4	4.5	4.0	2.6	3.0	3.2	3.1	4.2	6.6	6.0	4.5
1975	4.9	4.9	3.8	3.6	3.0	2.1	2.2	2.2	2.2	3.8	5.9	5.0	3.6
MEAN	5.3	5.1	4.8	4.1	3.2	2.6	2.4	2.6	3.1	4.1	5.4	5.5	

LARGEST HS(METRES) BY MONTH AND YEAR

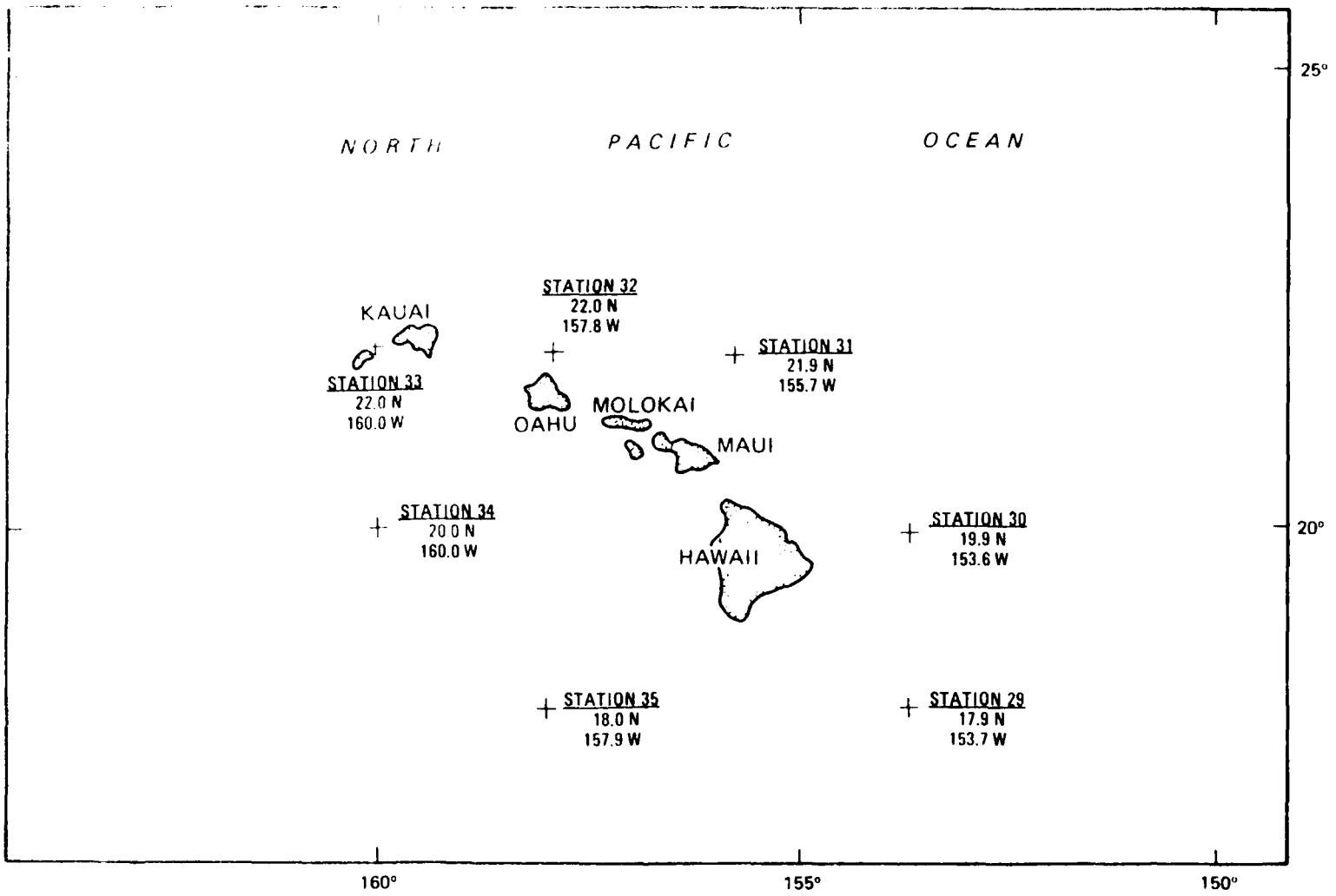
WIS STATION 28 (51.05N 174.00E)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	10.4	7.8	9.7	7.7	7.0	6.1	4.5	4.6	6.3	9.3	10.1	10.0
1957	9.7	6.4	7.6	8.2	5.9	6.5	3.3	5.9	6.4	8.0	9.4	11.5
1958	12.0	8.7	11.9	8.5	9.4	4.2	5.2	5.5	9.3	7.5	12.2	9.9
1959	9.6	9.5	8.1	9.0	6.5	6.7	2.9	4.1	9.6	7.9	7.5	11.3
1960	9.5	9.0	8.9	6.9	5.9	4.6	3.9	4.7	7.0	9.6	12.1	11.5
1961	10.2	7.9	8.4	8.0	8.1	4.9	4.1	5.1	4.7	13.4	12.8	8.3
1962	9.5	9.4	11.3	5.8	5.3	8.2	5.3	5.3	5.0	11.1	9.2	7.2
1963	8.9	6.1	7.9	5.8	7.6	4.6	3.9	3.4	6.7	9.6	9.6	14.8
1964	8.2	10.7	8.4	8.4	4.8	6.6	4.8	4.5	7.9	6.7	9.1	8.3
1965	7.6	10.3	7.7	10.2	4.5	4.5	4.8	3.9	4.8	7.4	9.7	11.5
1966	11.3	9.8	8.6	7.4	7.8	3.6	4.9	5.9	5.1	6.3	8.1	10.8
1967	12.4	7.9	7.6	7.3	3.5	3.8	4.1	4.1	7.1	8.1	11.4	11.9
1968	11.9	10.8	7.4	6.9	5.9	3.6	3.6	3.7	6.2	7.3	14.2	9.2
1969	13.6	9.4	9.7	9.8	5.9	4.1	3.0	5.3	6.8	6.0	9.0	7.9
1970	7.0	12.4	8.4	8.8	3.8	6.8	4.0	6.3	7.4	8.9	8.9	9.6
1971	8.0	7.8	7.9	8.2	4.1	6.5	3.3	4.8	6.7	9.9	10.2	10.3
1972	10.4	8.2	10.2	10.1	6.8	6.7	4.8	4.6	8.6	9.8	12.2	13.1
1973	11.6	12.3	12.1	8.7	5.3	5.0	7.1	5.3	7.0	8.4	11.2	11.8
1974	9.0	9.2	8.7	6.6	8.8	7.7	6.7	6.0	6.5	8.1	15.7	11.5
1975	10.0	8.9	8.3	6.5	5.9	3.8	5.6	3.4	4.5	10.4	16.2	12.6

20 YR. STATISTICS FOR PACIFIC STATION 28 (51.05N 174.00E)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	4.0
MEAN PEAK WAVE PERIOD (SECONDS)=	9.9
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	225.0
STANDARD DEVIATION OF HS(METRES)=	1.9
STANDARD DEVIATION OF TP(SECONDS)=	2.0
LARGEST HS(METRES)=	16.2
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	14.3
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	300.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	75112212


NORTH PACIFIC OCEAN
25°
20°
160°
155°
150°
KAUAI
STATION 32
22.0 N
157.8 W
STATION 31
21.9 N
155.7 W
STATION 33
22.0 N
160.0 W
OAHU
MOLOKAI
MAUI
STATION 34
20.0 N
160.0 W
HAWAII
STATION 30
19.9 N
153.6 W
STATION 35
18.0 N
157.9 W
STATION 29
17.9 N
153.7 W

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	100	46	13		11						170
1.0-1.9	593	869	3561	1146	419	112	22				6742
2.0-2.9	179	578	1940	2813	3240	1131	133	46			10060
3.0-3.9		157	88	131	675	1406	270	5			2732
4.0-4.9					1	109	92				202
5.0-5.9							6	5			11
6.0-6.9								13			13
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	872	1650	5622	4090	4346	2758	523	69	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 9.8 NO. OF CASES= 11657.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	184		1								185
1.0-1.9	1983	3752	3892	321	53	5					10006
2.0-2.9	607	2647	3714	1201	915	297	22				9403
3.0-3.9		754	275	201	465	328	32	3			2058
4.0-4.9		1	18		20	54	3				96
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2774	7154	7900	1723	1453	684	57	3	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 8.0 NO. OF CASES= 12718.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	35										35
1.0-1.9	3293	5171	1106	37	30						9639
2.0-2.9	865	4303	2375	248	77	15	6				7889
3.0-3.9		585	239	66	18	1					909
4.0-4.9		1	30	11							42
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	4193	10060	3752	362	125	16	6	0	0	0	

MEAN HS(M) = 2.0 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 7.0 NO. OF CASES= 10827.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9											0
1.0-1.9	811	874	296								1981
2.0-2.9	420	1822	391	66	5						2704
3.0-3.9		176	53	20							249
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1231	2872	740	86	5	0	0	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 6.8 NO. OF CASES= 2886.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	23	22	10	.	.	.	.	.	.	.	55
2.0-2.9	1	34	3	41	.	.	.	.	.	.	79
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	24	56	13	41	0	0	0	0	0	0	

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 7.6 NO. OF CASES= 80.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	29	25	5	.	.	.	.	.	.	.	59
2.0-2.9	.	8	.	.	.	.	.	.	.	.	8
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	29	33	5	0	0	0	0	0	0	0	

MEAN HS(M) = 1.6 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 6.2 NO. OF CASES= 40.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 6.1 NO. OF CASES= 1.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 6.1 NO. OF CASES= 1.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	11	.	.	.	.	.	.	.	.	11
3.0-3.9	.	8	.	.	.	.	.	.	.	.	8
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	19	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.8 NO. OF CASES= 12.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	8	.	.	.	.	.	.	.	.	8
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 7.5 NO. OF CASES= 5.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	1	.	.	.	.	.	.	.	1
3.0-3.9	.	6	.	.	.	.	.	.	.	.	6
4.0-4.9	.	3	.	.	.	.	.	.	.	.	3
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	11	1	0	0	0	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.7 NO. OF CASES= 8.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	.	1	.	.	.	.	.	.	.	4
3.0-3.9	.	1	3	.	.	.	.	.	.	.	4
4.0-4.9	.	1	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	2	4	0	0	0	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.3 NO. OF CASES= 7.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	.	.	3	.	.	.	.	.	.	.	3
2.0-2.9	10	3	11	3	1	.	.	.	.	.	28
3.0-3.9	.	3	6	.	10	3	.	.	.	.	22
4.0-4.9	.	1	3	.	5	.	.	.	.	.	9
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15	7	23	3	16	3	0	0	0	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 8.4 NO. OF CASES= 43.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	1	.	.	.	.	.	.	.	1
2.0-2.9	3	1	6	17	111	220	.	.	.	.	358
3.0-3.9	.	.	8	1	47	458	95	10	.	.	619
4.0-4.9	.	.	.	.	.	71	107	1	.	.	179
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	1	15	18	158	749	202	11	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 12.4 NO. OF CASES= 682.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	54	18	.	.	.	.	.	.	.	72
1.0-1.9	.	13	207	292	147	17	3	.	.	.	679
2.0-2.9	.	3	27	378	2171	1960	222	22	8	.	4791
3.0-3.9	.	.	.	1	460	3507	1315	51	.	.	5334
4.0-4.9	.	.	.	1	13	467	1360	83	.	.	1924
5.0-5.9	.	.	.	.	.	10	145	135	.	.	290
6.0-6.9	.	.	.	.	.	.	.	65	.	.	65
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	70	252	672	2791	5961	3045	356	8	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 12.4 NO. OF CASES= 7696.

STATION 29 17.90N 153.69W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	82	73	70	20	.	.	.	.	.	.	245
1.0-1.9	32	207	1962	1202	472	119	39	.	.	.	4033
2.0-2.9	5	51	396	1683	4243	2736	403	23	.	.	9540
3.0-3.9	.	.	3	30	977	3447	843	39	.	.	5339
4.0-4.9	.	.	.	.	1	265	491	42	.	.	799
5.0-5.9	.	.	.	.	.	23	126	18	.	.	167
6.0-6.9	.	.	.	.	.	.	11	.	.	.	11
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	119	331	2431	2935	5693	6590	1913	122	0	0	

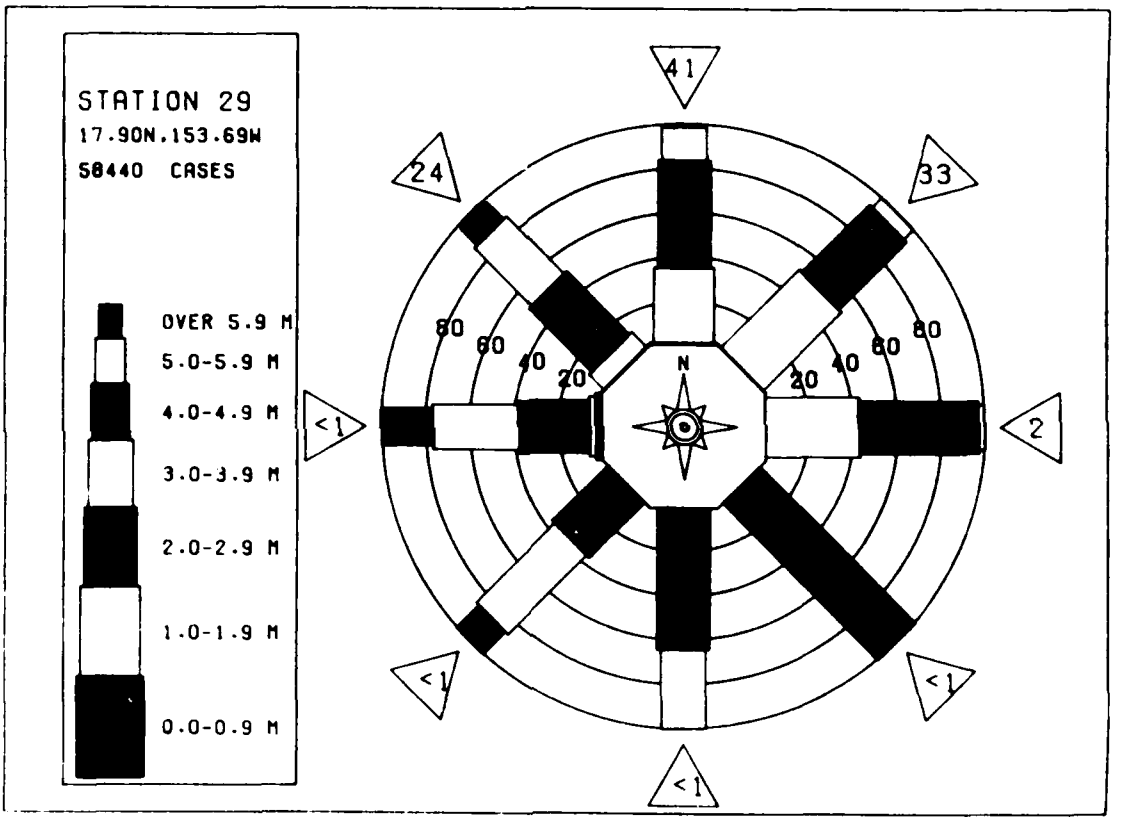
MEAN HS(M) = 2.6 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 11.3 NO. OF CASES= 11777.

STATION 29 17.90N 153.69W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	TOTAL
0. -0.9	40	17	10	2	1	.	.	.	.	.	70
1.0-1.9	676	1093	1106	300	112	25	6	.	.	.	3318
2.0-2.9	209	947	887	645	1078	636	78	9	.	.	4[illegible]7
3.0-3.9	.	169	67	45	265	915	255	10	.	.	17[illegible]
4.0-4.9	.	1	5	1	4	96	205	12	.	.	32[illegible]
5.0-5.9	.	.	.	.	.	3	27	15	.	.	45
6.0-6.9	.	.	.	.	.	.	1	7	.	.	8
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	925	2227	2075	993	1458	1675	572	53	0	0	

MEAN HS(M)= 2.4 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 9.4 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 29 (17.90N 153.69W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.5	2.7	2.6	2.3	2.0	2.1	1.9	1.8	1.7	1.9	2.6	2.9	2.3
1957	2.7	3.1	2.6	2.7	1.7	1.7	1.9	2.1	1.8	2.1	2.7	2.9	2.3
1958	3.6	3.3	2.8	2.6	2.1	1.9	2.0	1.9	1.5	2.3	2.5	3.3	2.5
1959	3.6	3.5	2.9	2.5	2.1	1.9	1.9	2.0	2.0	2.6	3.3	3.9	2.5
1960	3.1	3.2	2.3	2.4	2.3	1.9	1.9	1.9	1.7	2.1	2.5	3.5	[illegible]
1961	3.3	3.0	2.6	2.4	2.2	1.7	1.5	1.7	1.7	2.1	2.5	[illegible]	[illegible]
1962	2.5	2.7	2.4	2.4	2.2	1.8	1.7	1.8	1.7	2.2	3.1	3.1	2.5
1963	3.5	3.1	2.5	2.4	2.1	2.2	2.0	1.9	1.6	2.1	2.6	3.6	2.5
1964	3.4	3.3	2.7	2.6	2.2	1.9	1.9	1.7	1.8	2.1	2.4	2.9	2.4
1965	3.2	3.1	2.7	2.3	2.1	2.0	1.7	1.8	1.8	2.1	2.5	3.0	2.4
1966	3.1	3.0	2.4	2.3	1.8	2.0	1.9	1.8	1.6	2.1	2.4	3.4	2.3
1967	3.1	3.0	2.6	2.9	2.0	1.6	1.9	1.7	1.6	2.0	3.2	3.5	2.4
1968	3.0	3.2	2.7	2.5	1.8	1.8	1.7	1.6	1.4	2.0	2.7	2.9	[illegible]
1969	3.1	3.6	3.0	2.4	1.8	1.7	2.0	1.7	1.8	2.4	2.4	3.1	[illegible]
1970	3.2	3.6	3.0	2.9	2.0	1.9	1.8	1.7	1.6	2.2	2.8	2.9	[illegible]
1971	3.0	2.7	2.5	2.3	1.9	1.7	1.7	1.7	1.6	2.2	3.0	3.2	[illegible]
1972	3.4	3.2	2.7	2.6	2.1	1.6	1.8	1.9	1.7	2.4	3.3	[illegible]	[illegible]
1973	3.5	3.1	3.5	3.0	2.1	2.1	2.0	1.9	1.8	2.2	2.9	3.0	[illegible]
1974	3.3	2.8	3.2	2.5	2.0	1.9	1.5	1.8	1.8	2.5	2.0	3.4	[illegible]
1975	2.7	2.7	2.0	1.8	1.2	1.2	1.0	1.1	1.0	1.4	1.8	2.4	1.7
MEAN	3.1	3.1	2.7	2.5	2.0	1.8	1.8	1.8	1.7	2.1	2.7	3.2	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 29 (17.90N 153.69W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.7	3.8	3.2	3.2	2.7	2.8	2.4	2.5	2.3	2.5	4.7	4.1
1957	3.6	5.2	3.8	4.4	2.7	2.1	2.5	2.6	2.3	3.4	3.7	3.5
1958	5.8	4.7	3.4	3.4	2.7	2.6	2.8	2.5	2.2	3.0	3.7	4.4
1959	6.5	5.1	4.1	3.9	3.0	2.7	2.8	2.5	2.7	3.6	4.0	5.5
1960	4.3	4.1	3.4	3.2	3.0	2.4	2.6	2.3	2.2	2.8	3.2	5.0
1961	5.0	3.6	3.8	3.3	2.8	2.5	2.5	2.4	2.2	2.9	3.4	5.6
1962	4.1	3.5	3.2	3.8	2.8	2.5	2.0	2.1	2.6	3.5	4.5	4.1
1963	4.4	4.4	3.2	3.1	3.1	3.1	2.5	2.6	2.3	3.3	5.5	4.4
1964	4.9	4.4	3.3	3.5	2.8	2.6	2.4	2.2	2.1	[illegible]	3.1	4.3
1965	5.3	5.3	3.7	2.8	2.6	2.4	2.2	2.9	2.0	2.7	[illegible]	3.8
1966	4.3	4.1	3.1	3.3	2.4	2.8	2.2	2.7	2.0	2.7	3.5	5.2
1967	4.2	4.2	3.4	4.2	2.9	2.6	2.5	2.5	2.5	2.7	4.4	5.5
1968	3.7	4.8	4.0	3.3	2.2	2.5	2.2	2.0	1.9	3.1	4.1	4.5
1969	4.9	5.5	4.0	3.0	2.7	2.6	2.3	2.4	2.2	3.4	3.6	5.0
1970	4.5	6.2	4.3	4.0	2.6	2.8	3.0	2.8	3.4	2.7	6.5	3.7
1971	4.5	4.3	3.6	3.0	2.6	2.6	2.6	2.4	2.5	3.2	4.3	3.9
1972	5.4	5.5	3.8	4.9	2.6	2.1	2.2	3.6	2.3	3.0	4.7	3.3
1973	5.1	3.7	5.2	4.1	2.8	2.9	2.5	2.6	2.3	3.0	3.5	3.6
1974	6.0	3.5	6.0	3.1	2.7	2.4	2.1	2.5	2.6	4.5	4.4	4.7
1975	4.2	4.2	2.8	2.7	1.8	1.6	1.5	1.5	1.6	[illegible]	3.7	3.7

20 YR. STATISTICS FOR PACIFIC STATION 29 (17.90N 153.69W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	[illegible].4
MEAN PEAK WAVE PERIOD (SECONDS)=	[illegible]
MOST FREQUENT 22.5 CENTERED DIRECTION BAND (DEGREES)=	22.5
STANDARD DEVIATION OF HS(METRES)=	0.[illegible]
STANDARD DEVIATION OF TP(SECONDS)=	[illegible]
LARGEST HS(METRES)=	6.5
TP(SECONDS)ASSOC. WITH THE LARGEST HS=	1[illegible].7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	357.[illegible]
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	7011[illegible]

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	63	30	1		10						104
1.0-1.9	655	898	2958	763	225	82	11				5592
2.0-2.9	217	727	1777	2744	2751	829	68	1			9114
3.0-3.9		237	97	159	898	1300	143	5			2339
4.0-4.9				1	13	142	145				301
5.0-5.9							29	1			30
6.0-6.9							1	15			16
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	935	1892	4833	3667	3897	2353	397	22	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 9.7 NO. OF CASES= 10527.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	108										108
1.0-1.9	1913	2955	2525	309	22	3	3				7730
2.0-2.9	706	2648	3181	920	783	205	17	3			8453
3.0-3.9		751	176	135	489	342	25				1918
4.0-4.9		10	18	1	11	37					77
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2747	6364	5900	1365	1305	587	45	3	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.9 NO. OF CASES= 10711.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	65										65
1.0-1.9	3138	4028	730	29			5				7930
2.0-2.9	1067	5299	2068	260	119	44	11				9268
3.0-3.9		828	253	109	58	3					1251
4.0-4.9			77	17	27						121
5.0-5.9			1								1
6.0-6.9			1								1
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	4470	10155	3130	415	204	47	16	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 6.9 NO. OF CASES= 10780.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) = 67.5
PERCENT OCCUPRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1										1
1.0-1.9	1127	1196	172				1				2496
2.0-2.9	527	2765	374	22	11						3719
3.0-3.9		366	65	1	1						433
4.0-4.9			3								3
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1655	4327	614	23	12	0	1	0	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 6.6 NO. OF CASES= 3939.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	63	73	13	1	.	.	.	.	.	.	150
2.0-2.9	71	181	17	20	.	.	.	.	.	.	289
3.0-3.9	.	15	.	.	.	.	.	.	.	.	15
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	134	269	30	21	0	0	0	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.6 NO. OF CASES= 268.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	18	20	.	.	.	.	.	.	.	.	38
2.0-2.9	1	11	.	.	.	.	.	.	.	.	12
3.0-3.9	.	8	.	.	.	.	.	.	.	.	8
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	19	39	0	0	0	0	0	0	0	0	

MEAN HS(M) = 1.8 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 6.2 NO. OF CASES= 36.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	1	.	.	.	.	.	.	.	1
2.0-2.9	.	8	.	.	.	.	.	.	.	.	8
3.0-3.9	.	13	.	.	.	.	.	.	.	.	13
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	21	1	0	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.9 NO. OF CASES= 14.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	1	.	.	.	.	.	.	.	1
2.0-2.9	.	8	3	.	.	.	.	.	.	.	11
3.0-3.9	.	18	.	.	.	.	.	.	.	.	18
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	26	4	0	0	0	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 7.4 NO. OF CASES= 19.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	1	.	.	.	.	.	.	.	1
2.0-2.9	.	8	8	.	.	.	.	.	.	.	16
3.0-3.9	.	17	.	.	.	.	.	.	.	.	17
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	25	9	0	0	0	0	0	0	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.6 NO. OF CASES= 21.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	5	.	.	.	.	.	.	.	.	5
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	10	.	.	.	.	.	.	.	10
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8	10	0	0	0	0	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.7 NO. OF CASES= 11.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	11	.	.	.	.	.	.	.	.	11
3.0-3.9	.	23	3	.	.	.	.	.	.	.	26
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	34	4	0	0	0	0	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 7.0 NO. OF CASES= 24.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	15	5	.	.	.	.	.	.	.	20
3.0-3.9	.	8	5	1	3	1	.	.	.	.	18
4.0-4.9	.	1	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	24	10	1	3	1	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 7.9 NO. OF CASES= 25.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	10	13	10	15	6	.	.	.	.	57
3.0-3.9	1	23	3	.	8	53	3	.	.	.	91
4.0-4.9	.	6	17	.	1	56	1	.	.	.	81
5.0-5.9	.	.	6	.	.	1	.	.	.	.	7
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	39	39	10	24	116	4	0	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 10.4 NO. OF CASES= 147.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	5	.	.	.	.	.	.	5
2.0-2.9	1	.	11	61	374	301	5	.	.	.	753
3.0-3.9	.	10	20	8	251	1083	176	3	.	.	1551
4.0-4.9	.	3	5	.	8	304	301	22	.	.	643
5.0-5.9	.	.	.	.	.	20	83	8	.	.	111
6.0-6.9	.	.	.	.	.	.	3	.	.	.	3
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	13	36	74	633	1708	568	33	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 12.4 NO. OF CASES= 1798.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	54	10	.	.	.	.	.	.	.	64
1.0-1.9	1	11	557	508	326	20	5	.	.	.	1428
2.0-2.9	.	.	82	569	2636	1822	196	29	.	.	5336
3.0-3.9	.	.	1	18	593	3732	1276	42	.	.	5662
4.0-4.9	.	1	5	3	68	414	1218	65	.	.	1774
5.0-5.9	.	.	.	.	5	51	232	82	.	.	370
6.0-6.9	.	.	.	.	.	.	5	54	.	.	59
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	66	655	1098	3630	6039	2932	272	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 12.1 NO. OF CASES= 8596.

STATION 30 19.89N 153.62W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	54	90	37	3	.	.	.	.	.	.	184
1.0-1.9	51	217	1983	1440	506	126	35	.	.	.	4358
2.0-2.9	11	87	650	2275	4052	2072	302	29	.	.	9478
3.0-3.9	.	15	32	104	1007	3049	612	51	.	.	4870
4.0-4.9	.	.	.	.	15	284	311	32	.	.	642
5.0-5.9	.	.	.	.	.	32	114	23	.	.	169
6.0-6.9	.	.	.	.	.	.	1	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	116	409	2702	3822	5580	5563	1375	135	0	0	

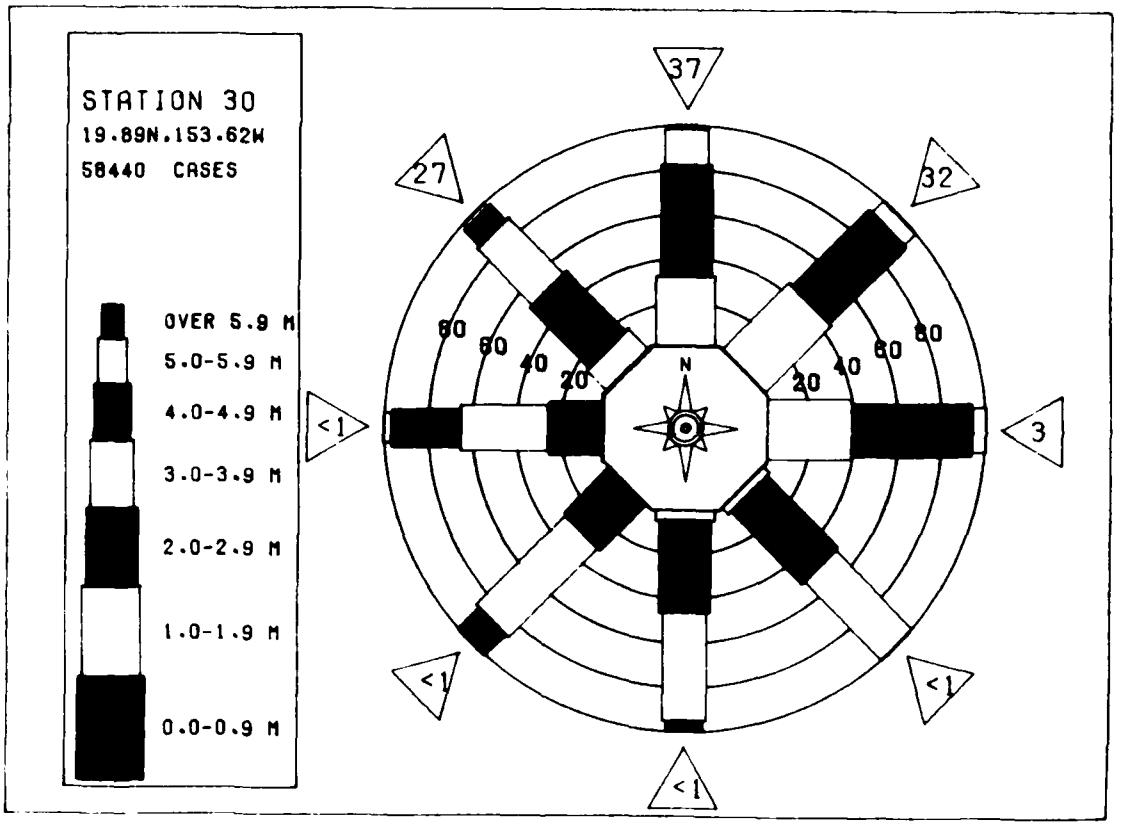
MEAN HS(M) = 2.6 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 11.0 NO. OF CASES= 11524.

STATION 30 19.89N 153.62W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	31	17	4	.	1	.	.	.	.	.	53
1.0-1.9	696	940	894	305	108	23	6	.	.	.	2972
2.0-2.9	291	1178	819	688	1074	528	60	6	.	.	4644
3.0-3.9	.	234	65	53	331	956	223	10	.	.	1872
4.0-4.9	.	2	13	2	14	123	197	11	.	.	362
5.0-5.9	.	.	.	.	.	10	46	11	.	.	67
6.0-6.9	.	.	.	.	.	.	1	7	.	.	8
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	1018	2371	1795	1048	1528	1640	533	45	0	0	

MEAN HS(M)= 2.4 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 9.3 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 30 (19.89N 153.62W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.6	3.0	2.5	2.4	2.2	2.2	1.8	1.8	1.8	2.0	2.6	3.0	[illegible]
1957	2.8	3.3	2.6	2.7	1.7	1.8	1.9	2.0	1.9	2.1	[illegible]	[illegible]	[illegible]
1958	3.6	3.4	2.8	2.6	2.1	2.0	2.2	2.0	1.9	2.3	[illegible]	[illegible]	[illegible]
1959	3.6	3.5	2.9	2.5	2.2	1.9	2.0	2.1	2.1	2.7	[illegible]	[illegible]	[illegible]
1960	3.2	3.2	2.5	2.4	2.4	2.0	1.9	2.0	1.8	2.1	[illegible]	[illegible]	[illegible]
1961	3.4	3.1	2.6	2.4	2.3	1.8	1.8	1.8	1.8	2.2	[illegible]	[illegible]	[illegible]
1962	2.8	2.8	2.6	2.4	2.2	1.8	1.8	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1963	2.7	3.3	2.6	2.4	2.1	[illegible]	1.8	1.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1964	3.3	3.3	2.7	2.5	2.2	[illegible]	2.0	1.7	1.9	[illegible]	[illegible]	[illegible]	[illegible]
1965	3.3	3.2	2.6	2.2	2.1	[illegible]	1.8	1.7	1.9	[illegible]	[illegible]	[illegible]	[illegible]
1966	3.1	3.1	2.5	2.2	1.9	2.0	2.0	2.0	1.7	[illegible]	[illegible]	[illegible]	[illegible]
1967	3.1	3.0	2.6	2.7	2.0	1.5	1.9	1.7	1.7	[illegible]	[illegible]	[illegible]	[illegible]
1968	3.1	3.6	2.9	2.7	1.8	1.9	1.7	1.6	1.5	[illegible]	[illegible]	[illegible]	[illegible]
1969	3.4	3.6	2.9	2.4	1.8	1.8	2.1	1.9	1.8	[illegible]	[illegible]	[illegible]	[illegible]
1970	3.4	3.5	2.9	2.7	2.1	1.9	1.8	1.8	1.8	[illegible]	[illegible]	[illegible]	[illegible]
1971	3.2	2.8	2.6	2.3	1.9	1.8	1.7	1.6	1.6	[illegible]	[illegible]	[illegible]	[illegible]
1972	3.5	3.2	[illegible]	2.7	[illegible]	1.7	1.9	[illegible]	1.8	[illegible]	[illegible]	[illegible]	[illegible]
1973	3.5	3.1	[illegible]	3.0	[illegible]	[illegible]	2.0	[illegible]	1.9	[illegible]	[illegible]	[illegible]	[illegible]
1974	3.5	2.7	[illegible]	2.6	[illegible]	[illegible]	1.9	[illegible]	1.9	[illegible]	[illegible]	[illegible]	[illegible]
1975	2.6	2.7	2.0	1.9	1.4	1.3	1.1	1.2	1.0	1.4	[illegible]	[illegible]	[illegible]
MEAN	3.2	3.2	2.7	2.5	2.0	1.9	1.9	1.8	1.8	2.2	2.8	3.2	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 30 (19.89N 153.62W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.7	4.7	3.9	3.6	3.4	2.9	2.5	2.8	2.4	2.7	[illegible]	[illegible]
1957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1958	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1959	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1960	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1961	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1962	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1964	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1966	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1969	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1970	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1974	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1975	4.1	3.7	3.0	2.8	1.9	1.8	1.6	1.7	1.6	[illegible]	[illegible]	[illegible]

20 YR. STATISTICS FOR PACIFIC STATION 30 (19.89N 153.62W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.4
MEAN PEAK WAVE PERIOD (SECONDS)=	[illegible]
MOST FREQUENT 22.5(DEGREE) DIRECTION BAND (DEGREES)=	337.5
STANDARD DEVIATION OF H(METRES)=	0.8
STANDARD DEVIATION OF T(SECONDS)=	[illegible]
LARGEST HS(METRES)=	[illegible]
T (SECONDS) ASSOC. WITH THE LARGEST HS=	[illegible]
AVG. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	[illegible]
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	7011[illegible]

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	63	1	10		8						82
1.0-1.9	674	829	2044	600	195	56	1				4399
2.0-2.9	217	699	1394	2015	2162	604	32	18			7141
3.0-3.9		345	160	196	1167	1298	97	6			3269
4.0-4.9		15	5	5	70	256	102				453
5.0-5.9						1	17				18
6.0-6.9							11	10			21
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	954	1889	3613	2816	3602	2215	260	34	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 9.7 NO. OF CASES= 9001.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	85	13									98
1.0-1.9	1738	1784	1635	201	13	8					5379
2.0-2.9	581	2284	2594	1098	766	229	6				7558
3.0-3.9		865	220	181	450	367	30	1			2114
4.0-4.9		35	30	10	20	59					154
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2404	4981	4479	1490	1249	663	36	1	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 8.0 NO. OF CASES= 8953.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	126										126
1.0-1.9	2972	2888	544	61							6465
2.0-2.9	1380	5939	1873	236	111	49	1				9589
3.0-3.9		1209	297	116	152	20					1794
4.0-4.9		8	118	1	37	1					165
5.0-5.9			1	11	22						34
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	4478	10044	2833	425	322	70	1	0	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 6.9 NO. OF CASES= 10628.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	10										10
1.0-1.9	2090	1105	124	3							3322
2.0-2.9	841	4489	508	44	6	3	1				5892
3.0-3.9		629	154	32	5	3					823
4.0-4.9		1	100			3					104
5.0-5.9			6	10							16
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2931	6223	892	89	11	9	1	0	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 6.6 NO. OF CASES= 5940.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	5										5
1.0-1.9	203	189	54	1							447
2.0-2.9	97	508	82	10	3						700
3.0-3.9		83	22								105
4.0-4.9		1	1								2
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	305	781	159	11	3	0	0	0	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.8 NO. OF CASES= 740.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	8	1									9
2.0-2.9	8	35									43
3.0-3.9		65									65
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	16	101	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 6.8 NO. OF CASES= 70.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	6	3									9
2.0-2.9	10	3									13
3.0-3.9		25	3								28
4.0-4.9		1									1
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	16	32	3	0	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.7 NO. OF CASES= 32.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9											0
2.0-2.9	6	25	11								42
3.0-3.9		22	1								23
4.0-4.9		1	3								4
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	6	48	15	0	0	0	0	0	0	0	

MEAN HS(M) = 2.9 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 7.1 NO. OF CASES= 43.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	1										1
2.0-2.9		5	3								8
3.0-3.9		34	3								37
4.0-4.9		6	11								17
5.0-5.9			3								3
6.0-6.9			1								1
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1	45	21	0	0	0	0	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 7.6 NO. OF CASES= 42.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	6										6
2.0-2.9		3					1				4
3.0-3.9		25	3								28
4.0-4.9		5	3								8
5.0-5.9			5	1							6
6.0-6.9				3							3
7.0-7.9				1							1
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	6	33	11	5	0	0	1	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 7.7 NO. OF CASES= 36.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	1										1
2.0-2.9		18			6		1				25
3.0-3.9		29	3	3	6						41
4.0-4.9		8	11		1						20
5.0-5.9			10	5							15
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1	55	24	8	13	0	1	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 8.2 NO. OF CASES= 64.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9	3				3						6
2.0-2.9	5	27	3	3	42		1				81
3.0-3.9		39	1	11	27	17					95
4.0-4.9		18	30	1	5	13					67
5.0-5.9			11	5							16
6.0-6.9				3							3
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	8	84	45	23	77	30	1	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 9.3 NO. OF CASES= 163.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	.	.	.	.	5	.	.	.	.	.	5
2.0-2.9	6	29	17	23	37	13	5	.	.	.	130
3.0-3.9	.	54	10	10	97	88	5	.	.	.	264
4.0-4.9	.	15	71	5	25	85	13	.	.	.	214
5.0-5.9	.	1	35	.	.	54	15	.	.	.	105
6.0-6.9	.	.	.	.	.	.	5	.	.	.	5
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	99	133	38	164	240	43	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 6.1 MEAN TP(SEC)= 10.5 NO. OF CASES= 433.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	10	61	25	.	1	.	.	.	98
2.0-2.9	1	18	23	112	301	198	8	.	.	.	661
3.0-3.9	.	17	35	49	544	1377	130	3	.	.	2155
4.0-4.9	.	1	13	10	70	581	420	23	.	.	1116
5.0-5.9	.	.	13	6	15	106	159	15	.	.	314
6.0-6.9	.	.	.	.	1	18	53	10	.	.	82
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	36	94	238	956	2280	771	51	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.9 MEAN TP(SEC)= 12.2 NO. OF CASES= 2599.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	54	11	.	.	.	.	.	.	.	65
1.0-1.9	1	34	718	638	376	73	17	.	.	.	1857
2.0-2.9	1	17	118	802	2792	1475	189	23	.	.	5417
3.0-3.9	.	.	8	51	776	3957	1233	25	.	.	6050
4.0-4.9	.	11	17	5	114	542	1218	59	.	.	1965
5.0-5.9	.	.	3	8	13	51	285	63	.	.	423
6.0-6.9	.	.	1	1	1	6	18	73	.	.	100
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	116	876	1505	4072	6104	2960	243	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 6.9 MEAN TP(SEC)= 12.0 NO. OF CASES= 9293.

STATION 31 21.94N 155.69W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	66	85	27	.	.	.	.	.	.	.	178
1.0-1.9	102	227	2265	1245	292	63	20	.	.	.	4214
2.0-2.9	17	102	696	2304	3230	1344	155	17	.	.	7865
3.0-3.9	.	34	49	198	1303	2482	491	42	.	.	4599
4.0-4.9	.	5	1	10	95	326	251	18	.	.	706
5.0-5.9	.	.	.	.	.	49	71	18	.	.	138
6.0-6.9	.	.	.	1	13	22	34	.	.	.	70
7.0-7.9	.	.	.	.	.	5	.	.	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	185	453	3038	3758	4933	4291	1022	95	0	0	

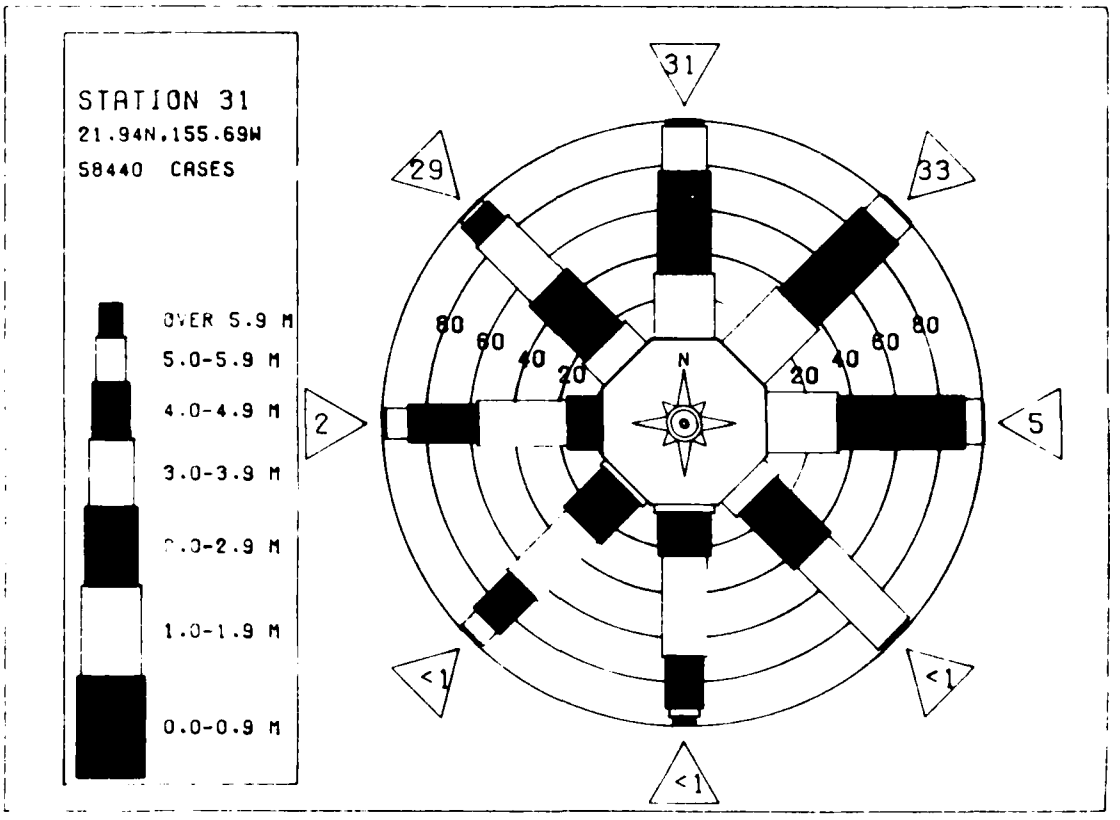
MEAN HS(M) = 2.6 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 10.8 NO. OF CASES= 10401.

STATION 31 21.94N 155.69W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	36	15	4								55
1.0-1.9	780	706	739	281	91	20	4				2621
2.0-2.9	317	1420	732	665	946	391	40	5			4518
3.0-3.9	.	348	97	85	453	961	198	8			2150
4.0-4.9	.	14	42	4	44	187	200	10			501
5.0-5.9	.	.	9	4	5	26	54	9			107
6.0-6.9	.	.	.	1	1	4	12	9			27
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1133	2503	1623	1040	1540	1589	508	41	0	0	

MEAN HS(M)= 2.5 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 9.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 31 (21.94N 155.69W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1955	2.9	3.2	2.6	2.5	2.2	2.4	1.9	1.7	1.9	2.2	2.8	3.1
1956	3.1	3.3	2.7	2.9	1.7	1.9	1.3	1.3	2.0	2.2	3.0	3.2
1957	3.9	3.7	3.0	2.7	2.2	2.1	1.3	1.3	2.0	2.4	3.0	3.5
1958	3.9	3.6	3.0	2.5	2.2	1.8	2.0	2.2	2.2	2.7	3.5	3.1
1959	3.4	3.5	2.5	2.4	2.4	2.1	1.9	2.2	1.9	2.2	2.8	3.7
1960	3.6	3.3	2.7	2.4	2.3	1.8	1.9	1.9	1.8	2.5	2.7	3.0
1961	3.1	3.3	2.7	2.5	2.3	1.7	1.9	1.9	1.7	2.4	3.2	3.4
1962	4.0	3.6	2.8	2.5	2.1	2.3	2.1	1.8	1.8	2.3	2.7	3.7
1964	3.4	3.3	2.6	2.6	2.2	2.0	2.1	1.7	2.0	2.4	3.0	3.2
1965	3.5	3.5	2.6	2.4	2.2	2.0	1.9	1.8	2.0	2.4	2.8	3.5
1966	3.6	3.2	2.8	2.3	2.0	2.0	2.1	2.0	2.0	2.3	3.0	3.5
1967	3.6	3.1	2.8	3.0	2.0	1.5	2.0	1.7	1.8	2.4	3.4	3.6
1968	3.4	3.9	3.1	3.0	1.8	1.9	1.8	1.7	1.5	2.2	3.0	3.2
1969	3.7	3.7	3.0	2.5	1.9	1.9	2.2	2.0	1.9	2.5	2.9	3.3
1970	3.7	3.6	3.0	2.9	2.1	2.0	1.8	1.8	1.8	2.2	3.0	3.3
1971	3.4	3.0	2.8	2.4	1.9	1.8	1.7	1.6	1.7	2.4	3.0	3.3
1972	3.7	3.2	3.2	2.9	2.0	1.9	2.1	2.0	1.9	2.4	3.4	3.1
1973	3.7	3.5	3.5	3.1	2.2	2.1	2.1	2.1	1.9	2.4	3.5	3.5
1974	3.9	3.8	3.6	2.8	2.2	2.0	1.8	1.8	1.9	2.3	3.5	3.3
1975	2.7	2.7	2.0	1.9	1.4	1.4	1.2	1.2	1.1	1.9	2.1	2.5
MEAN	3.5	3.3	2.9	2.6	2.1	1.9	1.9	1.9	1.8	2.3	2.9	3.4

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 31 (21.94N 155.69W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1955	5.4	5.9	3.7	3.8	3.1	3.0	2.5	2.7	2.6	3.1	4.5	3.7
1957	4.4	6.5	4.3	3.9	2.6	2.6	2.8	2.9	2.5	3.6	4.2	4.5
1958	6.2	5.8	3.9	3.8	2.7	3.6	2.9	3.0	2.8	4.1	4.6	4.8
1959	7.1	4.8	3.9	3.8	3.3	2.4	2.7	3.0	3.3	4.4	5.0	3.9
1960	4.7	4.6	3.7	3.0	3.4	2.9	2.7	2.8	3.1	2.8	3.4	5.6
1961	6.2	4.5	4.1	4.5	2.2	3.0	2.8	2.5	2.7	3.6	3.5	4.1
1962	4.8	4.5	3.7	4.3	2.9	3.3	2.5	2.4	2.3	4.2	5.1	4.4
1963	5.9	5.8	3.3	3.1	2.9	3.4	2.8	2.5	3.7	3.7	4.0	6.4
1964	4.9	4.5	4.0	3.3	3.1	2.8	2.8	2.5	2.4	4.2	3.9	6.3
1965	6.7	7.0	4.0	3.2	3.3	2.7	2.5	2.5	2.7	3.2	3.9	4.4
1966	4.6	4.6	3.6	4.6	2.8	2.6	2.7	2.6	2.2	3.1	3.7	6.0
1967	4.9	4.0	3.6	5.6	3.0	2.6	2.5	2.6	2.6	2.9	4.1	5.4
1968	4.6	6.2	4.7	4.5	2.8	3.6	2.7	2.2	2.4	3.1	5.6	5.0
1969	6.0	6.1	4.8	3.2	2.9	2.9	2.7	2.5	2.4	4.0	3.7	6.6
1970	5.3	6.5	4.2	4.1	2.9	2.5	2.4	2.6	2.5	3.7	4.7	4.1
1971	4.9	4.9	3.8	2.9	2.8	2.6	2.6	2.2	2.4	3.7	4.4	4.3
1972	6.3	6.0	4.3	4.4	3.7	2.8	2.8	3.8	2.7	3.1	4.8	5.0
1973	5.5	3.9	4.8	5.2	3.1	3.2	2.8	3.3	2.6	3.2	3.9	5.2
1974	6.2	3.7	6.9	3.5	3.1	2.6	2.5	2.5	2.6	4.5	4.3	4.5
1975	4.8	3.3	3.3	2.6	1.9	2.0	1.8	2.0	1.7	2.4	4.6	3.7

20 YR. STATISTICS FOR PACIFIC STATION 31 (21.94N 155.69W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.5
MEAN PEAK WAVE PERIOD (SECONDS)=	8.3
MOST FREQUENT 22.5 DEGREE DIRECTION BAND (DEGREES)=	45.0
STANDARD DEVIATION OF HS(METRES)=	0.9
STANDARD DEVIATION OF TM(SECONDS)=	2.2
LARGEST HS(METRES)=	7.0
WAVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	10.0
AZIMUTH DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	112.5
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	55011212

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	37				6						43
1.0-1.9	626	716	1998	585	116	32	8	.	.	.	4081
2.0-2.9	177	535	1541	1868	2082	578	29	27	.	.	6837
3.0-3.9	.	277	189	316	1262	1322	126	17	.	.	3509
4.0-4.9	.	15	17	37	126	357	109	.	.	.	661
5.0-5.9	.	.	.	.	5	58	51	1	.	.	115
6.0-6.9	.	.	.	.	1	5	32	.	.	.	38
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	840	1543	3745	2806	3598	2352	355	45	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 9.8 NO. OF CASES= 8943.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	124										124
1.0-1.9	1668	1829	1329	220	37	10	5	.	.	.	5038
2.0-2.9	621	2556	2672	1004	730	208	20	.	.	.	7811
3.0-3.9	.	1107	292	285	499	477	35	.	.	.	2695
4.0-4.9	.	41	42	8	68	80	3	.	.	.	264
5.0-5.9	.	.	.	.	20	3	.	.	.	.	23
6.0-6.9	.	.	1	.	.	.	11	.	.	.	12
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2413	5533	4336	1517	1374	778	74	0	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 8.1 NO. OF CASES= 9375.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	99										99
1.0-1.9	2599	2938	605	39	.	.	.	.	.	.	6181
2.0-2.9	1488	6921	2388	278	126	41	3	.	.	.	11245
3.0-3.9	.	1536	462	82	225	54	5	.	.	.	2364
4.0-4.9	.	30	126	20	32	8	.	.	.	.	216
5.0-5.9	.	.	6	8	5	15	.	.	.	.	34
6.0-6.9	.	.	.	.	6	.	.	.	.	.	6
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4186	11425	3587	427	394	118	8	0	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.1 MEAN TP(SEC)= 7.0 NO. OF CASES= 11781.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	8										8
1.0-1.9	1738	1307	172	11	.	.	.	.	.	.	3228
2.0-2.9	992	4770	636	51	23	.	.	.	.	.	6472
3.0-3.9	.	650	231	30	5	.	.	.	.	.	916
4.0-4.9	.	15	164	10	.	.	.	.	.	.	189
5.0-5.9	.	.	5	22	.	.	.	.	.	.	27
6.0-6.9	.	.	.	1	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2738	6742	1208	125	28	0	0	0	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 6.7 NO. OF CASES= 6341.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	128	128	87	.	.	.	.	.	.	.	343
2.0-2.9	148	468	25	1	1	.	.	.	.	.	643
3.0-3.9	.	253	46	.	6	.	.	.	.	.	305
4.0-4.9	.	10	8	.	.	.	.	.	.	.	18
5.0-5.9	.	1	5	.	.	.	.	.	.	.	6
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	276	860	171	1	7	0	0	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 6.9 NO. OF CASES= 773.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	3	.	.	.	.	.	.	.	.	6
2.0-2.9	6	37	.	.	6	.	.	.	.	.	49
3.0-3.9	.	58	1	.	5	.	.	.	.	.	64
4.0-4.9	.	5	3	.	.	.	.	.	.	.	8
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	103	5	0	11	0	0	0	0	0	

MEAN HS(M) = 3.1 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.3 NO. OF CASES= 78.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	1	.	3	.	.	.	.	.	.	4
2.0-2.9	5	25	.	.	5	.	.	.	.	.	35
3.0-3.9	.	23	1	.	.	.	.	.	.	.	24
4.0-4.9	.	1	8	.	.	.	.	.	.	.	9
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	50	10	3	5	0	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 7.5 NO. OF CASES= 46.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	17	.	.	.	.	.	.	.	.	18
3.0-3.9	.	11	.	.	.	.	.	.	.	.	11
4.0-4.9	.	.	17	.	.	.	.	.	.	.	17
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	28	17	0	0	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.3 NO. OF CASES= 28.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	11	.	.	.	.	.	.	.	.	11
3.0-3.9	.	25	6	.	.	.	.	.	.	.	31
4.0-4.9	.	.	22	.	.	.	.	.	.	.	22
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	1	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	36	30	0	0	0	0	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 7.7 NO. OF CASES= 41.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	6	.	.	.	.	.	.	.	.	6
3.0-3.9	.	27	1	.	.	.	.	.	.	.	28
4.0-4.9	.	.	3	.	.	.	.	.	.	.	3
5.0-5.9	.	.	11	.	.	.	.	.	.	.	11
6.0-6.9	.	.	1	1	.	.	.	.	.	.	2
7.0-7.9	.	.	1	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	1	3	.	.	.	.	.	4
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	33	17	2	3	0	0	0	0	0	

MEAN HS(M) = 4.5 LARGEST HS(M)= 8.5 MEAN TP(SEC)= 8.3 NO. OF CASES= 36.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	13	.	.	.	.	1	.	.	.	14
3.0-3.9	.	37	1	.	3	.	.	.	.	.	41
4.0-4.9	.	6	6	1	3	.	.	.	.	.	16
5.0-5.9	.	.	6	3	.	.	.	.	.	.	9
6.0-6.9	.	.	.	3	3	.	.	.	.	.	6
7.0-7.9	.	.	.	.	1	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	56	13	7	10	0	1	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 7.6 MEAN TP(SEC)= 8.2 NO. OF CASES= 56.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	6	35	.	13	10	.	1	.	.	.	65
3.0-3.9	.	65	5	5	20	13	.	.	.	.	108
4.0-4.9	.	13	13	13	6	10	.	.	.	.	55
5.0-5.9	.	.	17	3	.	5	.	.	.	.	25
6.0-6.9	.	.	8	5	1	.	.	.	.	.	14
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	113	43	39	37	28	1	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 8.8 NO. OF CASES= 163.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	.	.	8	.	.	.	.	.	.	.	8
2.0-2.9	17	10	15	23	37	.	3	.	.	.	105
3.0-3.9	.	66	8	5	121	61	.	.	.	.	261
4.0-4.9	.	27	61	6	18	59	15	.	.	.	186
5.0-5.9	.	.	44	.	1	42	6	1	.	.	94
6.0-6.9	.	.	1	1	.	.	10	.	.	.	12
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	103	137	35	177	162	34	1	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 10.2 NO. OF CASES= 400.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	5	20	46	1	.	.	.	.	.	75
2.0-2.9	6	11	18	114	297	135	8	.	.	.	589
3.0-3.9	.	6	10	32	444	1255	87	3	.	.	1837
4.0-4.9	.	6	22	8	78	545	319	23	.	.	1001
5.0-5.9	.	.	13	5	15	155	177	11	.	.	376
6.0-6.9	.	.	1	5	1	27	23	13	.	.	70
7.0-7.9	.	.	.	.	.	.	3	6	.	.	9
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	28	84	210	836	2117	617	56	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 12.2 NO. OF CASES= 2327.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	34	20	.	.	.	.	.	.	.	54
1.0-1.9	1	29	475	386	179	34	5	.	.	.	1109
2.0-2.9	1	6	87	533	2310	1267	181	3	.	.	4388
3.0-3.9	.	8	3	73	937	3761	1083	10	.	.	5875
4.0-4.9	.	5	13	13	109	766	1413	70	.	.	2389
5.0-5.9	.	.	3	5	17	97	355	66	.	.	543
6.0-6.9	.	.	.	.	.	1	42	102	.	.	145
7.0-7.9	.	.	.	.	.	.	.	5	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	82	601	1010	3552	5926	3079	256	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 7.0 MEAN TP(SEC)= 12.2 NO. OF CASES= 8490.

STATION 32 21.99N 157.84W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	29	70	29	1	.	.	.	.	.	.	129
1.0-1.9	104	159	1842	951	167	53	11	.	.	.	3287
2.0-2.9	6	63	788	2061	2585	1250	160	6	.	.	6959
3.0-3.9	.	23	53	177	1353	2809	473	18	.	.	4706
4.0-4.9	.	6	5	15	102	447	395	13	.	.	1033
5.0-5.9	.	.	3	.	3	53	71	27	.	.	157
6.0-6.9	.	.	.	3	3	23	30	.	.	.	59
7.0-7.9	.	.	.	.	.	8	.	.	.	.	8
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	139	321	2720	3208	4213	4538	1140	59	0	0	

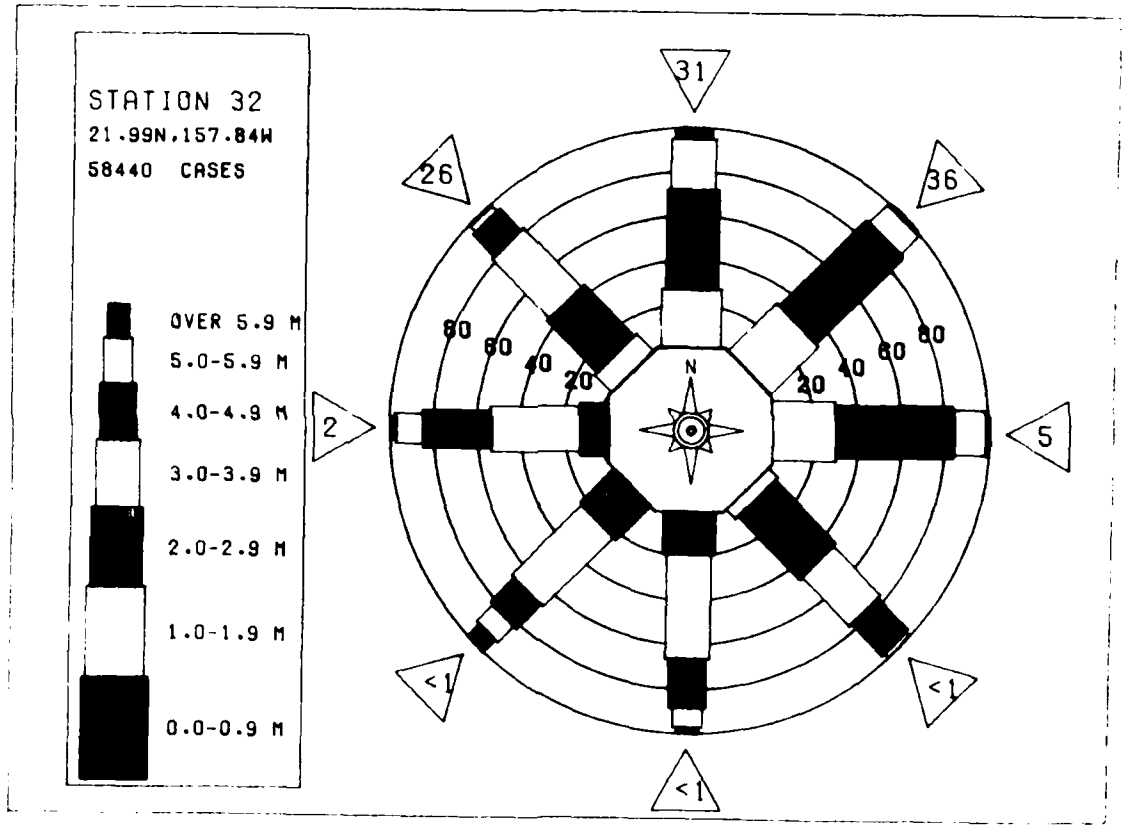
MEAN HS(M) = 2.7 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 10.9 NO. OF CASES= 9562.

STATION 32 21.99N 157.84W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	30	10	4	.	.	.	.	.	.	.	44
1.0-1.9	687	711	654	224	50	13	3	.	.	.	2342
2.0-2.9	348	1549	817	595	821	352	41	3	.	.	4526
3.0-3.9	.	418	131	100	488	955	181	4	.	.	2277
4.0-4.9	.	18	53	13	56	232	225	10	.	.	607
5.0-5.9	.	.	12	4	6	43	66	10	.	.	141
6.0-6.9	.	.	1	2	1	5	15	11	.	.	35
7.0-7.9	.	.	.	.	.	.	.	1	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1065	2706	1672	938	1422	1600	531	39	0	0	

MEAN HS(M)= 2.6 LARGEST HS(M)= 8.5 MEAN TP(SEC)= 9.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 32 (21.99N 157.84W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.1	3.3	2.7	2.5	2.3	2.4	2.0	1.8	1.9	2.2	2.9	3.2	[illegible]
1957	3.2	3.6	2.8	2.9	1.8	1.9	2.2	2.3	1.9	2.3	3.2	3.3	[illegible]
1958	4.0	3.7	3.3	2.8	2.3	2.1	2.4	2.2	2.1	2.5	3.1	3.6	[illegible]
1959	4.2	3.7	3.1	2.6	2.3	1.8	2.0	2.2	2.3	2.7	3.5	3.1	[illegible]
1960	3.4	3.7	2.7	2.4	2.4	2.2	1.9	2.2	2.0	2.8	3.2	3.7	[illegible]
1961	3.7	3.4	2.8	2.5	2.4	1.9	2.0	1.9	1.8	2.6	3.8	3.0	[illegible]
1962	3.2	3.0	2.9	2.6	2.3	1.7	2.0	1.9	1.8	2.5	3.5	3.5	[illegible]
1963	4.1	3.6	2.9	2.5	2.1	1.4	2.1	1.9	1.8	2.5	3.8	3.8	[illegible]
1964	3.7	3.4	2.9	2.7	2.3	2.0	2.2	1.8	2.0	2.5	3.9	3.6	[illegible]
1965	3.6	3.8	3.0	2.6	2.3	2.2	2.0	1.9	2.0	2.6	3.6	3.2	[illegible]
1966	3.3	3.3	2.7	2.4	2.0	2.1	2.3	2.0	1.7	2.4	3.6	3.5	[illegible]
1967	3.3	3.2	3.0	3.2	2.1	1.5	2.1	1.7	1.8	2.2	3.5	3.7	[illegible]
1968	3.6	3.9	3.1	3.0	1.8	2.0	1.9	1.6	1.5	2.3	3.0	3.2	[illegible]
1969	3.9	3.8	3.1	2.6	1.9	1.9	2.2	2.1	2.0	2.5	4.2	4.4	[illegible]
1970	3.8	3.8	3.1	3.2	2.1	2.0	1.7	1.9	1.8	2.3	3.1	3.2	[illegible]
1971	3.5	3.0	2.8	2.5	1.9	1.9	1.7	1.7	1.8	2.4	3.1	3.5	[illegible]
1972	3.9	3.4	3.4	3.1	2.1	2.0	2.2	2.1	1.9	2.4	3.6	3.5	[illegible]
1973	3.6	3.2	3.7	3.6	2.3	2.2	2.2	2.1	1.9	2.4	3.1	3.4	[illegible]
1974	4.1	3.1	3.7	2.9	2.3	2.1	2.0	1.9	1.9	2.6	3.2	3.4	[illegible]
1975	2.8	2.9	2.1	2.0	1.4	1.4	1.4	1.3	1.2	1.6	2.1	2.7	[illegible]
MEAN	3.6	3.4	3.0	2.7	2.1	2.0	2.0	1.9	1.9	2.4	3.0	3.5	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 32 (21.99N 157.84W)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	6.9	6.0	3.9	3.5	3.1	3.1	2.5	2.7	2.8	3.6	5.2	4.3
1957	5.3	[illegible]	3.9	4.5	2.8	2.6	[illegible]	3.6	[illegible]	[illegible]	[illegible]	[illegible]
1958	[illegible]	[illegible]	4.6	4.4	3.0	3.4	[illegible]	3.4	3.1	[illegible]	[illegible]	[illegible]
1959	8.5	5.1	[illegible]	[illegible]	3.6	2.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1960	[illegible]	[illegible]	[illegible]	3.1	3.5	3.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1961	6.7	[illegible]	[illegible]	4.2	[illegible]	3.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1962	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1964	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1966	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1969	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1970	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1974	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1975	4.7	4.3	4.0	2.8	2.1	2.3	2.0	2.3	1.7	2.6	5.0	5.0

20 YR. STATISTICS FOR PACIFIC STATION 32 (21.99N 157.84W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.6
[illegible]	[illegible]
[illegible] DIRECTION BAND (DEGREES)=	45.0
[illegible]	[illegible]
[illegible]	[illegible]
[illegible] WITH THE LARGEST HS=	11.1
[illegible] ASSOC. WITH THE LARGEST HS=	[illegible]
DATE OF LARGEST HS OCCURRENCE (GMT)(YR,MO,DA,HR)	56011512

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	47	46			1						94
1.0-1.9	530	650	1687	520	191	71	8				3657
2.0-2.9	147	605	1577	2027	2029	665	82	29			7141
3.0-3.9		282	246	318	1030	1132	145	5			3158
4.0-4.9		20	35	22	114	427	140	3			761
5.0-5.9			1		10	138	54				203
6.0-6.9						8	11				19
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	724	1603	3546	2887	3375	2441	440	37	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 6.3 MEAN TP(SEC)= 9.9 NO. OF CASES= 8808.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	30	17	3								50
1.0-1.9	1261	1718	1731	224	65	34	5				5038
2.0-2.9	542	2354	2565	1043	598	131	34				7267
3.0-3.9		1129	349	323	629	369	29	5			2833
4.0-4.9		27	83	34	109	51	17				321
5.0-5.9			15	1	6	22	1				45
6.0-6.9					6	8					14
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1833	5245	4746	1625	1413	615	86	5	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 8.2 NO. OF CASES= 9107.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	99										99
1.0-1.9	3179	3677	653	39	3	1					7552
2.0-2.9	1403	7539	3170	284	160	29	1				12586
3.0-3.9		1702	708	128	208	47	5	1			2799
4.0-4.9		25	210	42	42		3				322
5.0-5.9			13	30	8	5					56
6.0-6.9					13	1					14
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	4681	12943	4754	523	434	83	9	1	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 7.1 NO. OF CASES= 13701.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	18										18
1.0-1.9	1700	1837	193	3	8						3741
2.0-2.9	763	4737	754	56	30						6340
3.0-3.9		679	294	25	10						1008
4.0-4.9		1	177	17			1				196
5.0-5.9			3	32							35
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2481	7304	1421	133	48	0	1	0	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 6.8 NO. OF CASES= 6642.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	95	99	65	.	.	.	.	.	.	.	259
2.0-2.9	46	208	51	1	.	.	.	.	.	.	306
3.0-3.9	.	200	41	6	.	.	.	.	.	.	247
4.0-4.9	.	11	5	.	1	.	.	.	.	.	17
5.0-5.9	.	.	3	5	.	.	.	.	.	.	8
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	141	518	165	12	1	0	0	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 7.1 NO. OF CASES= 493.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	3	.	.	.	.	.	.	.	.	4
2.0-2.9	1	15	.	.	1	.	.	.	.	.	17
3.0-3.9	.	53	5	.	.	.	.	.	.	.	58
4.0-4.9	.	.	.	3	.	.	.	.	.	.	3
5.0-5.9	.	.	1	10	.	.	.	.	.	.	11
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	71	6	13	1	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 7.5 NO. OF CASES= 57.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	.	.	.	.	.	.	.	.	.	11
2.0-2.9	11	17	.	.	.	.	.	.	.	.	28
3.0-3.9	.	5	.	.	.	.	.	.	.	.	5
4.0-4.9	.	3	1	.	.	.	.	.	.	.	4
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22	25	1	0	0	0	0	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 6.3 NO. OF CASES= 30.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	.	.	.	.	.	.	.	.	.	8
2.0-2.9	6	3	.	.	.	.	.	.	.	.	9
3.0-3.9	.	15	.	.	.	.	.	.	.	.	15
4.0-4.9	.	5	3	.	.	.	.	.	.	.	8
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14	23	3	0	0	0	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 6.6 NO. OF CASES= 25.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	.	1	.	.	.	.	.	.	.	.	1
3.0-3.9	.	18	3	.	.	.	.	.	.	.	21
4.0-4.9	.	.	3	.	.	.	.	.	.	.	3
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	19	7	0	0	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 7.5 NO. OF CASES= 19.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	1	.	.	.	.	.	.	.	.	0
1.0-1.9	.	13	.	.	.	.	.	.	.	.	13
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	58	6	.	.	.	.	.	.	.	64
4.0-4.9	.	1	8	.	.	.	.	.	.	.	9
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	1	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	63	14	1	0	0	0	0	0	0	

MEAN HS(M) = 3.6 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 7.6 NO. OF CASES= 48.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	1
2.0-2.9	.	13	1	.	.	.	.	.	.	.	14
3.0-3.9	.	46	10	.	1	.	.	.	.	.	57
4.0-4.9	.	6	1	3	.	.	.	.	.	.	10
5.0-5.9	.	.	22	3	.	.	.	.	.	.	25
6.0-6.9	.	.	1	1	1	.	.	.	.	.	3
7.0-7.9	.	.	.	5	3	.	.	.	.	.	8
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	66	35	12	5	0	0	0	0	0	

MEAN HS(M) = 4.2 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 8.2 NO. OF CASES= 74.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	1	.	.	.	.	.	.	1
1.0-1.9	6	42	10	8	5	.	.	.	.	.	71
2.0-2.9	.	59	8	8	11	5	.	.	.	.	91
3.0-3.9	.	13	23	6	1	3	.	.	.	.	46
4.0-4.9	.	.	15	8	1	.	.	.	.	.	24
5.0-5.9	.	.	1	10	.	.	.	.	.	.	11
6.0-6.9	.	.	.	.	1	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	114	57	41	19	8	0	0	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 8.4 NO. OF CASES= 151.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	.	.	.	1	.	.	.	.	.	.	1
2.0-2.9	8	27	17	18	20	.	1	.	.	.	91
3.0-3.9	.	51	10	15	75	46	.	.	.	.	197
4.0-4.9	.	10	30	3	29	58	6	.	.	.	136
5.0-5.9	.	.	29	.	5	46	1	.	.	.	81
6.0-6.9	.	.	.	1	.	11	11	.	.	.	23
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	11	88	86	38	129	161	19	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 10.3 NO. OF CASES= 318.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	1	32	.	.	.	.	.	.	33
2.0-2.9	6	11	34	78	270	104	11	.	.	.	514
3.0-3.9	.	29	22	39	501	1124	107	3	.	.	1825
4.0-4.9	.	13	18	3	71	670	201	17	.	.	993
5.0-5.9	.	.	18	6	15	172	171	3	.	.	385
6.0-6.9	.	.	1	6	1	11	32	5	.	.	56
7.0-7.9	.	.	.	.	.	.	.	6	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	6	53	94	164	858	2081	522	34	0	0	

MEAN HS(M) = 3.8 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 12.1 NO. OF CASES= 2240.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	27	.	.	.	.	.	.	.	.	27
1.0-1.9	.	8	396	386	114	66	10	.	.	.	980
2.0-2.9	1	5	100	467	1933	1048	112	8	.	.	3575
3.0-3.9	.	29	15	77	833	4048	1038	27	.	.	6067
4.0-4.9	.	6	8	20	77	906	1218	109	.	.	2344
5.0-5.9	.	.	1	.	17	133	369	131	.	.	651
6.0-6.9	.	.	.	.	.	.	30	63	.	.	93
7.0-7.9	.	.	.	.	.	.	.	5	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	1	75	520	950	2979	6201	2777	343	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 7.3 MEAN TP(SEC)= 12.2 NO. OF CASES= 8103.

STATION 33 22.00N 160.00W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1	85	8	.	.	.	.	.	.	.	94
1.0-1.9	85	172	1290	677	232	97	.	.	.	.	2553
2.0-2.9	20	63	682	1558	2542	1204	191	.	.	.	6260
3.0-3.9	.	27	25	160	1315	2448	544	25	.	.	4544
4.0-4.9	.	1	10	3	140	415	451	23	.	.	1043
5.0-5.9	.	.	1	3	8	58	99	15	.	.	184
6.0-6.9	.	.	.	.	.	6	17	.	.	.	23
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	106	348	2016	2401	4237	4228	1302	63	0	0	

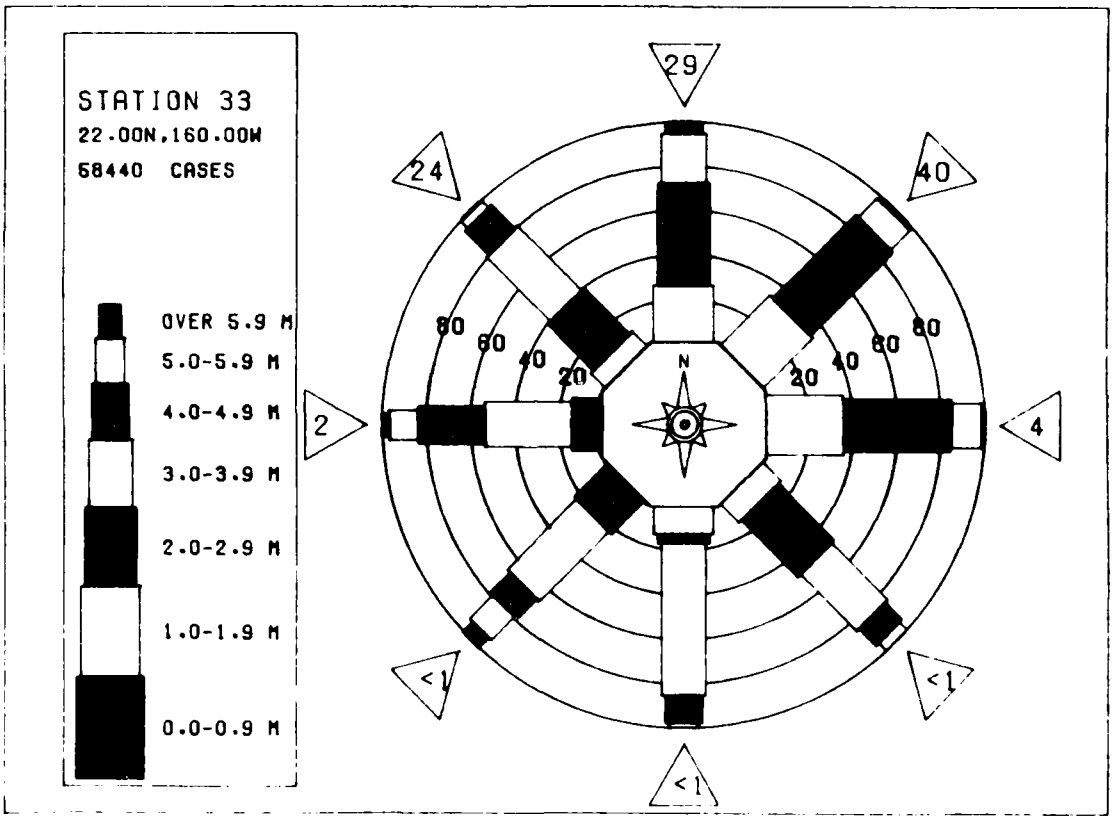
MEAN HS(M) = 2.8 LARGEST HS(M)= 6.1 MEAN TP(SEC)= 11.1 NO. OF CASES= 8604.

STATION 33 22.00N 160.00W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	20	17	1								38
1.0-1.9	687	817	601	188	61	27	2				2383
2.0-2.9	296	1570	896	554	759	318	43	3			4439
3.0-3.9		438	174	110	461	922	187	6			2269
4.0-4.9		15	62	16	58	253	204	15			623
5.0-5.9			13	10	7	57	69	15			171
6.0-6.9				2	2	4	10	6			24
7.0-7.9								1			1
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1003	2857	1747	880	1348	1581	515	46	0	0	

MEAN HS(M)= 2.6 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 9.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 33 (22.00N 160.00W)

	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	3.1	3.3	2.8	2.5	2.2	2.5	1.9	1.8	1.9	2.2	3.0	3.3	2.5
1957	3.2	3.6	3.8	2.9	1.8	1.8	2.1	2.4	1.9	2.4	3.1	3.5	2.5
1958	4.0	3.7	3.3	2.9	2.4	2.0	2.4	2.3	2.2	2.5	3.1	3.5	2.9
1959	4.1	3.6	3.1	2.5	2.3	1.8	2.0	2.5	2.2	2.5	3.5	3.4	2.7
1960	3.5	3.6	2.6	2.5	2.3	2.2	1.9	2.5	1.6	2.2	2.8	3.4	2.6
1961	3.9	3.4	2.8	2.6	2.4	2.0	2.0	1.9	1.8	2.6	2.8	2.9	2.6
1962	3.3	3.0	2.8	2.6	2.3	1.6	1.9	1.9	1.8	2.5	3.0	3.4	2.5
1963	4.1	3.7	2.9	2.5	2.1	2.4	2.1	1.8	1.8	2.1	2.6	3.7	2.7
1964	3.7	3.5	2.6	2.7	2.3	2.0	2.2	1.9	2.1	2.5	3.1	3.5	2.7
1965	3.6	3.5	2.9	2.7	2.3	2.1	1.9	1.9	1.9	2.4	2.7	3.3	2.5
1966	3.3	3.4	2.7	2.6	2.0	2.4	2.3	2.0	1.6	2.4	2.6	3.6	2.5
1967	3.4	3.2	3.0	3.4	2.0	2.4	2.1	1.8	1.8	2.1	3.6	3.8	2.6
1968	3.6	3.9	3.5	3.0	1.9	1.9	1.8	1.8	1.6	2.2	3.1	3.6	2.5
1969	3.9	3.8	3.5	2.7	1.9	2.0	2.3	2.1	2.0	2.5	3.1	3.4	2.7
1970	3.9	3.8	3.6	3.3	2.0	1.9	2.0	1.9	1.8	2.5	3.1	3.3	2.7
1971	3.5	3.0	3.0	2.6	1.9	2.0	1.7	1.7	1.8	2.3	2.9	3.5	2.5
1972	3.3	3.6	3.4	3.0	2.1	2.0	2.2	2.0	1.9	2.2	3.6	3.6	2.6
1973	3.7	3.0	3.7	3.1	2.3	2.1	2.2	2.2	1.9	2.4	3.1	3.5	2.7
1974	4.1	3.4	3.6	3.1	2.4	2.1	2.1	1.8	1.8	2.6	3.2	3.5	2.7
1975	2.9	2.9	2.8	2.1	1.4	1.5	1.4	1.4	1.3	1.7	2.6	2.8	2.0
MEAN	3.6	3.4	3.0	2.8	2.1	2.0	2.0	1.9	1.9	2.3	3.0	3.5	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 33 (22.00N 160.00W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	7.3	5.7	3.6	3.7	2.9	3.1	2.5	2.6	2.8	3.8	5.7	4.8
1957	4.3	6.0	3.8	4.4	3.1	2.8	2.8	3.3	2.6	3.9	5.4	5.6
1958	6.1	5.7	4.3	4.3	3.3	3.3	3.0	3.4	3.2	3.7	5.7	4.7
1959	7.7	4.9	4.4	4.0	3.7	2.3	2.6	3.1	3.4	3.7	4.9	4.9
1960	5.3	5.1	3.8	3.3	3.7	3.2	2.9	2.8	2.5	3.9	4.8	5.6
1961	6.7	4.7	4.1	5.2	3.4	3.2	2.9	2.5	2.6	3.9	4.9	4.7
1962	5.4	4.4	3.9	3.8	2.9	2.4	2.5	2.5	2.6	4.0	4.9	4.7
1963	5.8	5.4	4.8	3.4	2.8	3.1	2.6	2.3	2.6	3.4	3.7	6.1
1964	5.7	4.5	4.3	3.6	3.0	2.9	2.8	2.9	2.5	4.0	3.6	6.4
1965	6.3	6.1	4.0	3.6	3.7	2.8	2.3	2.4	2.5	3.0	3.6	4.3
1966	4.7	4.7	3.6	3.7	2.8	3.0	3.2	2.8	2.1	3.4	3.6	5.0
1967	4.8	4.9	4.3	6.7	3.1	2.6	2.7	2.3	2.7	2.7	5.7	5.2
1968	5.8	5.5	5.6	5.7	2.6	2.5	2.7	2.5	2.3	3.0	5.3	5.1
1969	5.6	5.9	4.9	3.7	3.2	2.7	2.8	2.6	2.6	3.6	3.6	6.9
1970	6.2	6.0	4.3	4.4	3.9	2.6	2.6	2.5	2.7	3.0	6.1	4.6
1971	5.9	5.1	3.8	3.6	3.7	2.8	2.5	2.5	2.6	3.5	4.1	4.4
1972	5.7	5.6	5.3	4.6	3.9	3.1	2.8	3.2	2.8	3.5	5.7	6.1
1973	5.7	3.6	5.5	5.4	3.9	3.0	2.9	3.0	2.6	3.0	4.1	6.0
1974	7.4	4.5	6.5	4.6	3.8	3.1	2.6	2.7	2.5	4.6	4.7	4.7
1975	4.9	4.7	4.4	3.0	2.1	2.3	2.2	2.3	2.2	2.7	4.6	5.4

20 YR. STATISTICS FOR PACIFIC STATION 33 (22.00N 160.00W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.6
MEAN PERIOD(SECONDS)=	9.3
MOST FREQUENT 22.5 CENTERED DIRECTION BAND (DEGREES)=	45.0
STANDARD DEVIATION OF HS(METRES)=	0.8
STANDARD DEVIATION OF TA(SECONDS)=	0.7
LARGEST HS(METRES)=	10.7
MEAN DIRECTION WITH THE LARGEST HS=	10.0
AVG. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	0.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	59011212

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) = 0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	75	65	3		6						149
1.0-1.9	525	691	1967	665	388	94	3	6			4339
2.0-2.9	100	494	1656	2367	2665	1018	106	23			8429
3.0-3.9	.	189	196	326	1326	1310	272	10			3629
4.0-4.9	.	5	.	3	90	342	114	.			554
5.0-5.9	.	.	.	.	.	99	47	.			146
6.0-6.9	.	.	.	.	.	.	.	.			0
7.0-7.9	.	.	.	.	.	.	.	.			0
8.0-8.9	.	.	.	.	.	.	.	.			0
9.0-9.9	.	.	.	.	.	.	.	.			0
10.0+	.	.	.	.	.	.	.	.			0
TOTAL	700	1444	3822	3381	4475	2863	542	39	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 10.1 NO. OF CASES= 10100.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	131										131
1.0-1.9	1507	2268	2602	383	66	25	5	.			6656
2.0-2.9	468	2344	3153	1297	852	287	32	6			8439
3.0-3.9	.	614	429	349	562	318	44	.			2316
4.0-4.9	.	10	17	10	78	44	17	.			176
5.0-5.9	.	.	17	.	1	42	.	.			60
6.0-6.9	.	.	.	.	.	.	.	.			0
7.0-7.9	.	.	.	.	.	.	.	.			0
8.0-8.9	.	.	.	.	.	.	.	.			0
9.0-9.9	.	.	.	.	.	.	.	.			0
10.0+	.	.	.	.	.	.	.	.			0
TOTAL	2106	5236	6218	2039	1559	716	98	6	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 8.3 NO. OF CASES= 10515.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	56										56
1.0-1.9	3646	6136	1122	83	11	3	.	.			11001
2.0-2.9	1259	6418	3444	280	179	37	11	.			11636
3.0-3.9	.	1148	432	174	123	25	.	6			1908
4.0-4.9	.	6	44	34	34	.	.	.			118
5.0-5.9	.	.	1	3	.	.	.	.			4
6.0-6.9	.	.	.	.	.	.	.	.			0
7.0-7.9	.	.	.	.	.	.	.	.			0
8.0-8.9	.	.	.	.	.	.	.	.			0
9.0-9.9	.	.	.	.	.	.	.	.			0
10.0+	.	.	.	.	.	.	.	.			0
TOTAL	4961	13708	5043	584	347	65	11	6	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 7.1 NO. OF CASES= 14358.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	30										30
1.0-1.9	1451	2113	261	8	13	.	.	.	.	.	3846
2.0-2.9	508	3610	905	68	1	.	.	.	.	.	5172
3.0-3.9	.	273	143	10	.	.	.	.	.	.	426
4.0-4.9	.	.	30	.	.	.	.	.	.	.	30
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2069	5996	1339	86	14	0	0	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 6.8 NO. OF CASES= 5559.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	49	70	.	.	.	.	.	.	.	.	119
2.0-2.9	22	191	23	.	1	.	.	.	.	.	237
3.0-3.9	.	51	10	.	1	.	.	.	.	.	62
4.0-4.9	.	.	5	.	.	.	.	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	72	312	38	0	2	0	0	0	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 6.8 NO. OF CASES= 251.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	29	.	.	.	.	.	.	.	.	32
3.0-3.9	.	1	.	.	.	.	1	.	.	.	2
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	30	1	0	0	0	1	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 7.1 NO. OF CASES= 32.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	10	.	.	.	.	.	.	.	.	10
3.0-3.9	.	5	.	.	.	.	.	.	.	.	5
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	15	1	0	0	0	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 6.9 NO. OF CASES= 16.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-16.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	8	.	.	.	.	.	.	.	.	8
3.0-3.9	.	5	.	.	.	.	.	.	.	.	5
4.0-4.9	.	1	5	.	.	.	1	.	.	.	7
5.0-5.9	.	.	1	3	.	.	.	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	14	6	3	0	0	1	0	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 8.1 NO. OF CASES= 16.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	18	.	.	.	.	.	.	.	.	18
3.0-3.9	.	.	5	.	.	.	.	.	.	.	5
4.0-4.9	.	.	6	5	.	.	.	.	.	.	11
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	18	11	5	0	0	0	0	0	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.6 NO. OF CASES= 21.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	13	.	.	.	.	.	.	.	.	14
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	16	1	0	0	0	0	0	0	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.7 NO. OF CASES= 18.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	17	.	.	.	.	.	.	.	.	18
3.0-3.9	.	17	.	.	.	.	.	.	.	.	17
4.0-4.9	.	3	11	.	.	.	.	.	.	.	14
5.0-5.9	.	.	17	.	.	.	.	.	.	.	17
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	37	28	0	0	0	0	0	0	0	

MEAN HS(M) = 3.9 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 7.7 NO. OF CASES= 40.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	20	.	.	17	.	.	.	.	.	42
3.0-3.9	.	20	11	.	5	.	.	.	.	.	36
4.0-4.9	.	5	1	.	.	1	.	.	.	.	7
5.0-5.9	.	.	5	.	.	.	.	.	.	.	5
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	45	17	0	22	1	0	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 8.4 NO. OF CASES= 55.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	11	23	23	1	29	1	.	.	.	.	88
2.0-2.9	.	27	.	1	27	34	.	.	.	.	89
3.0-3.9	.	3	1	.	.	13	.	.	.	.	17
4.0-4.9	.	.	.	1	.	5	3	.	.	.	9
5.0-5.9	.	.	5	.	.	.	1	.	.	.	6
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											
TOTAL	16	53	29	3	56	53	4	0	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 9.6 NO. OF CASES= 131.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	6	3	.	.	.	.	.	.	.	9
2.0-2.9	1	8	10	49	287	80	5	.	.	.	440
3.0-3.9	.	10	10	25	266	684	23	1	.	.	1019
4.0-4.9	.	11	5	5	30	292	121	1	.	.	465
5.0-5.9	.	.	.	.	1	22	35	.	.	.	58
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											
TOTAL	1	35	28	79	584	1078	184	2	0	0	

MEAN HS(M) = 3.5 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 11.9 NO. OF CASES= 1172.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	.	5	17	.	.	.	1	.	.	.	22
1.0-1.9	.	6	229	278	92	27	1	.	.	.	633
2.0-2.9	1	1	39	417	1817	1339	87	1	.	.	3702
3.0-3.9	.	5	5	32	754	3619	1007	44	.	.	5466
4.0-4.9	.	.	1	5	77	770	1054	94	.	.	2001
5.0-5.9	.	.	.	.	.	13	256	100	.	.	369
6.0-6.9	.	.	.	.	.	.	17	65	.	.	82
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											
TOTAL	1	17	291	732	2740	5768	2442	304	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 12.3 NO. OF CASES= 7194.

STATION 34 20.00N 160.00W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

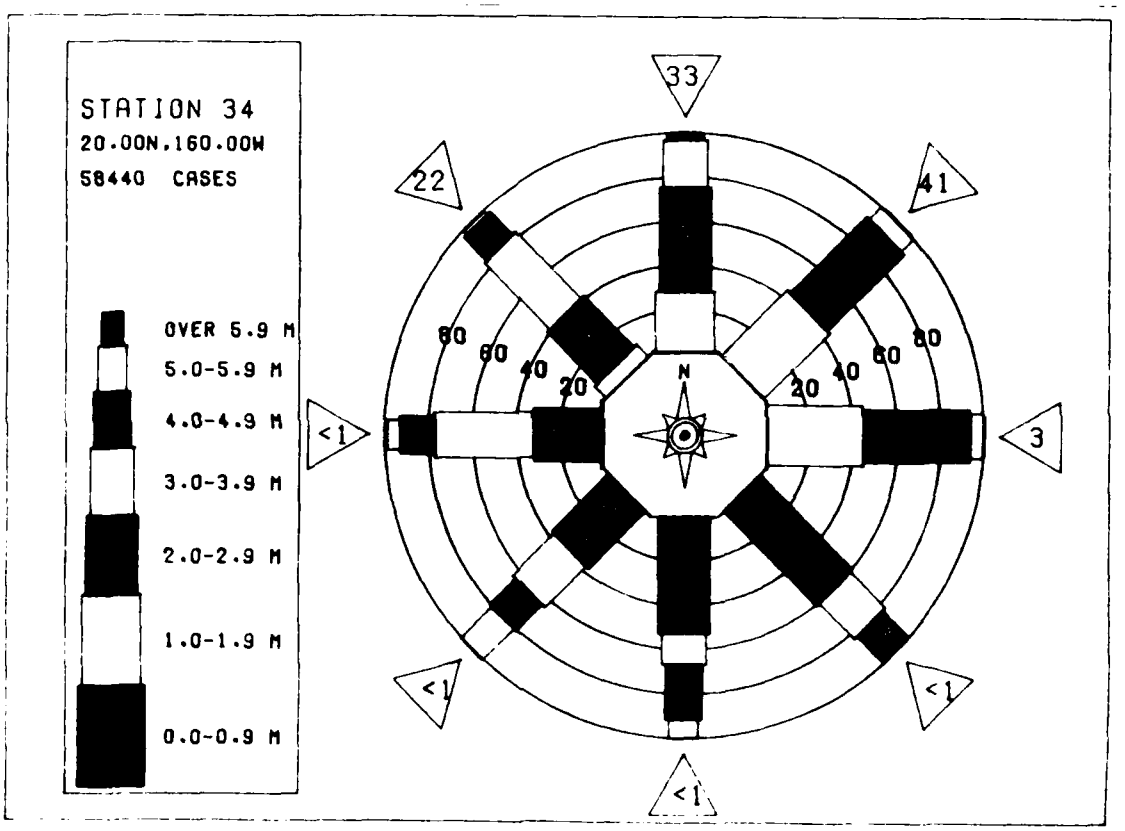
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	11	59	23	.	.	.	.	.	.	.	93
1.0-1.9	47	135	876	860	345	78	10	.	.	.	2351
2.0-2.9	8	20	460	1274	2837	1610	195	15	.	.	6419
3.0-3.9	.	11	6	92	1011	3151	776	53	.	.	5100
4.0-4.9	.	.	3	1	82	338	536	60	.	.	1102
5.0-5.9	.	.	.	.	3	25	90	.	.	.	118
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											
TOTAL	66	225	1368	2227	4278	5202	1659	128	0	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 11.4 NO. OF CASES= 8894.

STATION 34 20.00N 160.00W FOR ALL DIRECTIONS
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	31	13	4	.	9	2	2	.	.	.	48
1.0-1.9	722	1142	706	228	91	22	.	.	.	.	2913
2.0-2.9	247	1323	971	578	868	437	43	4	.	.	4471
3.0-3.9	.	238	125	101	407	914	212	11	.	.	2008
4.0-4.9	.	4	14	6	39	180	191	18	.	.	452
5.0-5.9	.	.	4	.	.	20	43	10	.	.	77
6.0-6.9	.	.	.	.	.	.	1	6	.	.	7
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+											0
TOTAL	1000	2720	1824	913	1405	1573	492	49	0	0	

MEAN HS(M)= 2.5 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 9.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 34 (20.00N 160.00W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1966	2.7	3.0	2.8	2.3	2.0	2.3	1.9	1.7	1.7	2.1	2.8	3.0	2.4
1967	2.9	3.3	2.6	2.6	1.7	1.7	2.0	2.2	1.9	2.2	3.1	3.3	2.4
1968	3.8	3.3	3.3	2.8	2.2	2.0	2.2	2.2	2.1	2.4	3.3	3.3	2.7
1969	3.8	3.4	3.0	2.5	2.2	1.8	1.9	2.0	2.1	2.5	2.2	3.3	2.6
1970	3.4	3.5	2.5	2.5	2.2	2.0	1.9	2.0	1.9	2.2	3.0	3.3	2.6
1971	3.3	3.3	2.6	2.5	2.3	1.9	1.9	1.8	1.8	2.1	2.8	3.1	2.5
1972	3.3	2.8	2.6	2.3	2.1	1.6	1.9	1.8	1.7	2.0	2.8	3.1	2.4
1973	3.7	3.4	2.7	2.3	2.0	2.2	2.0	1.8	1.7	2.0	2.8	3.1	2.5
1974	3.5	3.3	2.8	2.5	1.9	1.9	2.0	1.8	1.8	2.1	2.8	3.1	2.5
1975	3.3	3.3	2.6	2.6	1.8	2.0	2.1	2.0	1.9	2.2	2.8	3.1	2.5
1976	3.3	2.9	2.8	3.3	1.9	1.5	1.9	1.7	1.7	2.1	3.2	3.5	2.5
1977	3.3	3.4	2.9	2.7	1.8	1.8	1.7	1.7	1.6	2.0	3.3	3.1	2.4
1978	3.5	3.5	2.2	2.7	1.8	1.8	2.6	1.9	1.9	2.4	3.3	3.1	2.6
1979	3.6	3.6	3.3	3.1	2.0	1.8	1.9	1.7	1.7	2.1	2.8	3.1	2.5
1980	3.4	3.5	2.8	2.4	1.9	1.9	1.6	1.7	1.9	2.2	3.2	3.6	2.5
1981	3.6	3.5	3.1	2.5	2.0	1.9	1.9	1.9	1.9	2.3	2.5	3.0	2.5
1982	3.5	3.0	3.6	3.1	2.3	2.1	2.0	2.1	1.8	2.3	3.2	3.5	2.7
1983	3.3	3.3	3.3	2.9	2.2	2.0	1.9	1.8	1.7	2.4	3.0	3.5	2.7
1984	2.8	2.9	2.1	2.1	1.3	1.4	1.3	1.3	1.2	1.6	2.0	2.6	1.8
MEAN	3.4	3.2	2.9	2.6	2.0	1.9	1.9	1.8	1.8	2.2	2.8	3.2	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 34 (20.00N 160.00W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1966	5.4	5.0	3.3	3.5	2.9	2.9	2.4	2.6	2.5	3.4	5.3	4.1
1967	4.2	5.3	3.4	4.0	3.1	2.4	2.5	2.6	2.4	3.3	4.3	5.1
1968	6.3	4.6	4.9	4.1	2.9	3.5	2.9	3.0	3.3	3.3	5.4	4.0
1969	6.6	4.7	4.2	3.4	3.3	2.5	2.7	2.7	2.9	3.3	3.3	4.2
1970	4.4	4.8	3.5	3.6	2.6	2.8	2.8	2.6	3.6	3.8	4.7	4.3
1971	5.1	4.6	4.0	5.9	3.0	2.9	2.7	2.4	2.4	3.4	3.4	3.5
1972	5.2	3.9	3.3	3.1	2.5	2.2	2.3	2.5	2.6	3.7	4.0	3.5
1973	5.5	4.5	4.3	3.7	2.7	2.9	2.4	2.5	3.1	3.6	3.3	4.1
1974	5.3	4.0	4.1	3.7	3.1	2.6	2.5	2.4	2.5	3.4	3.4	4.4
1975	5.3	5.6	3.5	3.6	3.1	2.7	2.4	2.7	2.2	2.8	4.3	4.7
1976	4.5	4.3	3.6	3.9	2.4	2.7	2.8	2.6	1.9	3.2	3.3	3.0
1977	4.0	3.5	4.1	5.7	2.7	2.4	2.4	2.4	2.7	3.7	3.5	3.5
1978	4.2	4.7	4.7	5.1	2.6	2.6	2.5	2.2	2.2	3.3	4.4	4.7
1979	5.1	4.7	5.6	4.4	2.9	2.5	2.4	2.5	2.6	3.3	4.6	4.7
1980	5.6	5.3	4.4	4.4	2.9	2.4	2.5	2.5	2.3	3.5	4.0	4.0
1981	5.7	4.8	3.6	3.4	2.7	2.9	2.5	2.2	2.6	3.5	3.4	3.9
1982	5.3	5.0	5.0	4.8	2.8	2.7	2.5	2.3	2.6	3.6	5.5	4.7
1983	5.3	4.0	5.2	5.0	3.0	2.9	2.6	2.5	2.4	3.9	5.5	4.3
1984	5.4	4.3	5.8	3.6	3.3	2.6	2.4	2.3	2.3	3.4	4.4	5.4
1975	5.0	4.2	4.1	3.2	2.0	1.9	1.8	1.9	1.7	2.4	4.4	5.0

20 YR. STATISTICS FOR PACIFIC STATION 34 (20.00N 160.00W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.5
MEAN PEAK WAVE PERIOD (SECONDS)=	9.3
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	45.0
STANDARD DEVIATION OF HS(METRES)=	0.8
STANDARD DEVIATION OF TP(SECONDS)=	2.6
LARGEST HS(METRES)=	16.7
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	10.7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	315.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	69120312

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) = 0.
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	181	27	1	10	6	.	.	.	.	.	225
1.0-1.9	424	698	2626	965	528	164	10	2	.	.	5415
2.0-2.9	58	533	1719	2568	3494	1358	148	34	.	.	9912
3.0-3.9	.	54	99	229	1233	1358	203	13	.	.	3189
4.0-4.9	.	.	.	.	35	337	90	.	.	.	462
5.0-5.9	.	.	.	.	.	32	39	.	.	.	71
6.0-6.9	.	.	.	.	.	3	10	.	.	.	13
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	663	1312	4445	3772	5296	3262	500	47	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 6.3 MEAN TP(SEC)= 10.1 NO. OF CASES= 11287.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) = 22.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	229										229
1.0-1.9	1762	3545	3908	544	208	27	6	.	.	.	10000
2.0-2.9	379	2166	3716	1552	1096	393	18	13	.	.	9333
3.0-3.9	.	633	248	297	462	468	32	1	.	.	2141
4.0-4.9	.	8	15	.	5	39	13	.	.	.	80
5.0-5.9	.	.	.	.	.	8	.	.	.	.	8
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2370	6352	7887	2393	1771	935	69	14	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 8.3 NO. OF CASES= 12743.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) = 45.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	116										116
1.0-1.9	3328	7224	1558	54	6	1	1	.	.	.	12172
2.0-2.9	980	4490	3193	306	112	41	.	.	.	.	9122
3.0-3.9	.	663	261	77	56	47	.	15	.	.	1119
4.0-4.9	.	8	23	6	10	.	.	.	.	.	47
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4424	12385	5035	443	184	89	1	15	0	0	

MEAN HS(M) = 2.0 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 7.1 NO. OF CASES= 13201.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) = 67.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	17										17
1.0-1.9	1040	1516	321	17	.	.	.	.	.	.	2894
2.0-2.9	508	2176	554	73	23	.	.	.	.	.	3334
3.0-3.9	.	224	27	10	.	.	.	.	.	.	261
4.0-4.9	.	.	8	.	.	.	.	.	.	.	8
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1565	3916	910	100	23	0	0	0	0	0	

MEAN HS(M) = 2.0 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 6.8 NO. OF CASES= 3810.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9	15										15
1.0-1.9	70	35	13								118
2.0-2.9	15	47	15								77
3.0-3.9		25									25
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	100	107	28	0	0	0	0	0	0	0	

MEAN HS(M) = 2.0 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 6.4 NO. OF CASES= 140.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9											0
2.0-2.9	1	5									6
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1	5	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 6.0 NO. OF CASES= 4.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	0	0	0	0	0	0	0	0	0	0	

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	0	0	0	0	0	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 6.1 NO. OF CASES= 1.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	8	.	.	.	.	.	.	.	.	8
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	1	10	1	.	.	.	.	.	.	12
5.0-5.9	.	.	3	.	.	.	.	.	.	.	3
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	9	13	1	0	0	0	0	0	0	

MEAN HS(M) = 4.0 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 8.1 NO. OF CASES= 15.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	1
3.0-3.9	.	13	.	5	3	.	.	.	.	.	21
4.0-4.9	.	1	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	15	0	5	3	0	0	0	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 8.1 NO. OF CASES= 15.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	5	.	.	3	1	.	.	.	.	9
4.0-4.9	.	.	.	.	.	1	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	8	0	0	3	2	0	0	0	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 9.2 NO. OF CASES= 9.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	8	.	.	.	.	.	.	.	.	.	8
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	10	.	1	8	.	.	.	.	22
3.0-3.9	.	.	.	.	8	20	.	.	.	.	28
4.0-4.9	.	1	3	.	.	6	.	.	.	.	10
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	4	13	0	9	34	0	0	0	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 10.2 NO. OF CASES= 43.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	5	6	94	66	.	.	.	.	172
3.0-3.9	.	.	6	1	49	224	25	3	1	.	309
4.0-4.9	.	1	5	.	.	75	34	.	.	.	115
5.0-5.9	.	1	.	.	.	.	.	1	.	.	2
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	2	16	7	143	365	59	4	1	0	

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 12.1 NO. OF CASES= 355.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	.	11	18	.	.	.	.	.	.	.	29
1.0-1.9	.	6	119	143	87	30	6	.	.	.	391
2.0-2.9	1	.	11	232	1916	1584	100	10	.	.	3854
3.0-3.9	.	3	1	11	489	3196	1125	58	1	.	4884
4.0-4.9	.	.	.	.	13	417	1031	102	.	.	1563
5.0-5.9	.	.	.	.	.	6	155	102	.	.	263
6.0-6.9	.	.	.	.	.	.	.	49	.	.	49
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	20	149	386	2505	5233	2417	321	1	0	

MEAN HS(M) = 3.2 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 12.5 NO. OF CASES= 6460.

STATION 35 17.99N 157.90W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	34	121	66	3	.	.	.	.	.	.	224
1.0-1.9	49	135	1047	1078	434	111	15	.	.	.	2869
2.0-2.9	1	42	263	1168	3223	2113	309	15	.	.	7134
3.0-3.9	.	6	.	46	945	4041	1090	82	.	.	6210
4.0-4.9	.	.	1	.	22	357	734	80	.	.	1194
5.0-5.9	.	.	.	.	.	17	47	10	.	.	74
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	84	305	1377	2295	4625	6639	2195	187	0	0	

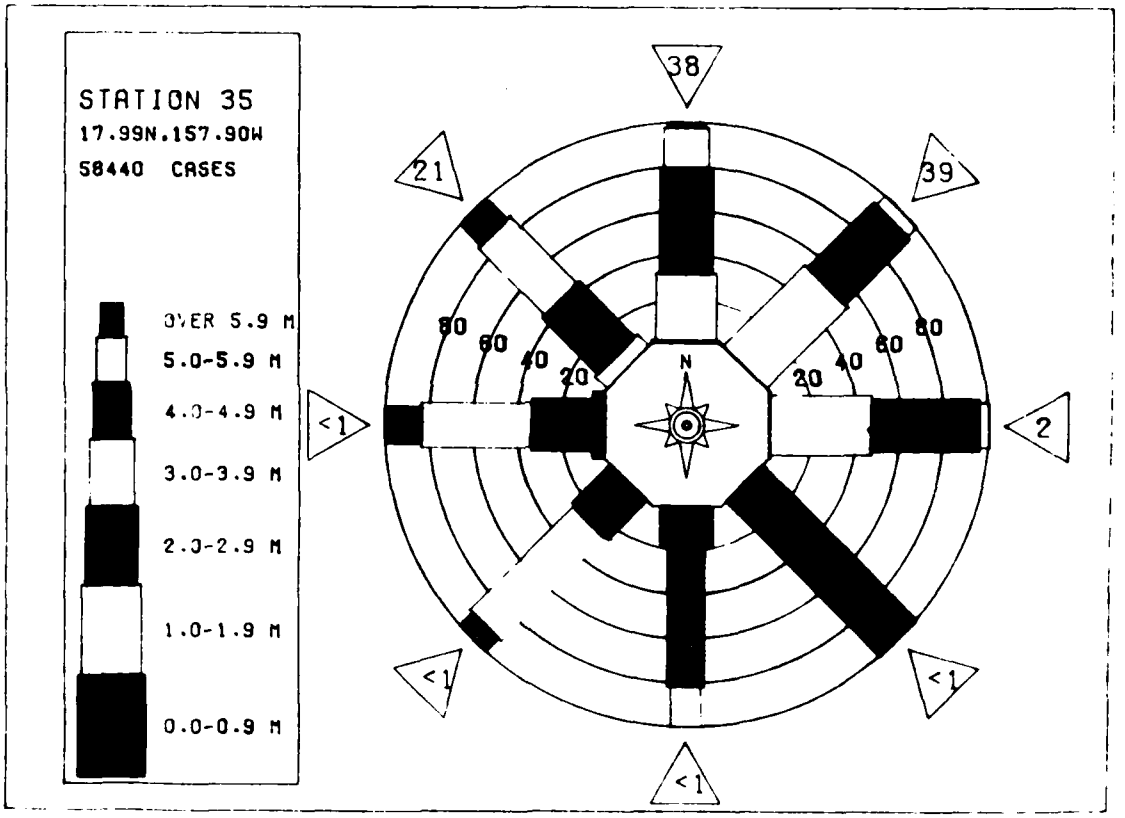
MEAN HS(M) = 2.8 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 11.6 NO. OF CASES= 10357.

STATION 35 17.99N 157.90W FOR ALL DIRECTIONS

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PEAK PERIOD(SECONDS) 4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0.-0.9	60	16	8	1	.	.	.	.	.	.	85
1.0-1.9	667	1316	959	280	126	33	4	.	.	.	3[illegible]5
2.0-2.9	194	948	949	590	996	556	57	7	.	.	4[illegible]7
3.0-3.9	.	163	64	67	325	937	247	17	.	.	1[illegible]0
4.0-4.9	.	2	6	.	8	123	190	18	.	.	347
5.0-5.9	.	.	.	.	.	6	24	11	.	.	41
6.0-6.9	.	.	.	.	.	.	1	4	.	.	5
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	921	2445	1986	938	1455	1655	523	57	0	0	

MEAN HS(M)= 2.4 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 9.3 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 35 (17.99N 157.90W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.6	2.7	2.8	2.3	1.9	2.1	1.9	1.8	1.7	2.0	2.7	2.9	[illegible]
1957	2.7	3.0	2.5	2.3	1.7	1.8	1.8	2.4	1.8	2.2	3.0	3.1	[illegible]
1958	3.7	3.1	3.2	2.7	2.1	2.0	2.0	2.4	2.0	2.5	[illegible]	[illegible]	[illegible]
1959	3.7	3.3	3.0	2.5	2.1	1.9	1.9	1.9	2.0	[illegible]	[illegible]	[illegible]	[illegible]
1960	3.3	3.3	2.4	2.6	2.2	1.9	1.9	1.9	1.8	[illegible]	[illegible]	[illegible]	[illegible]
1961	3.1	3.3	2.8	2.4	2.2	1.7	1.7	1.7	1.7	[illegible]	[illegible]	[illegible]	[illegible]
1962	2.7	2.6	2.5	2.3	2.1	1.6	1.7	1.7	1.7	[illegible]	[illegible]	[illegible]	[illegible]
1963	3.5	3.2	2.6	2.3	2.0	2.1	1.9	1.7	1.6	[illegible]	[illegible]	[illegible]	[illegible]
1964	3.4	3.2	2.6	2.5	2.1	1.9	1.9	1.7	1.8	[illegible]	[illegible]	[illegible]	[illegible]
1965	3.1	3.5	2.7	2.5	2.0	1.9	1.7	1.8	1.8	[illegible]	[illegible]	[illegible]	[illegible]
1966	3.2	3.1	2.6	2.6	1.8	1.9	1.9	1.8	1.5	[illegible]	[illegible]	[illegible]	[illegible]
1967	3.2	2.8	2.8	2.5	1.9	1.5	1.8	1.6	1.5	[illegible]	[illegible]	[illegible]	[illegible]
1968	3.4	3.1	2.7	2.5	1.8	1.8	1.7	1.6	1.5	[illegible]	[illegible]	[illegible]	[illegible]
1969	3.6	3.4	3.2	2.6	1.8	1.8	1.7	1.7	1.7	[illegible]	[illegible]	[illegible]	[illegible]
1970	3.3	3.5	3.2	2.9	1.9	1.8	1.7	1.6	1.7	1.9	[illegible]	[illegible]	[illegible]
1971	3.2	3.6	2.6	2.6	1.9	1.8	1.6	1.6	1.6	[illegible]	[illegible]	[illegible]	[illegible]
1972	3.4	3.5	2.9	2.7	2.0	1.7	1.9	1.9	1.7	[illegible]	[illegible]	[illegible]	[illegible]
1973	3.4	3.0	3.6	3.0	2.3	1.9	1.9	1.9	1.8	[illegible]	[illegible]	[illegible]	[illegible]
1974	3.4	3.2	3.2	2.7	2.0	1.8	1.7	1.7	1.7	[illegible]	[illegible]	[illegible]	[illegible]
1975	2.7	2.6	1.9	1.9	1.2	1.3	1.0	1.0	1.0	1.4	1.6	2.4	[illegible]
MEAN	3.2	3.1	2.8	2.5	1.9	1.8	1.8	1.7	1.7	2.1	2.7	3.1	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 35 (17.99N 157.90W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.4	4.3	3.4	3.3	2.8	2.6	2.4	2.4	2.4	3.1	5.1	4.2
1957	3.9	4.0	3.4	4.0	2.8	2.1	2.4	2.6	2.4	3.3	3.9	5.0
1958	6.1	4.3	4.8	4.0	2.7	3.1	2.8	2.6	2.6	3.5	4.9	[illegible]
1959	5.3	4.9	4.1	3.6	3.1	3.0	2.5	2.4	2.6	[illegible]	[illegible]	3.6
1960	[illegible]	[illegible]	3.6	3.7	2.8	2.7	2.5	2.4	2.9	[illegible]	[illegible]	[illegible]
1961	[illegible]	[illegible]	[illegible]	3.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1962	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1963	6.5	[illegible]	3.6	3.0	2.9	2.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1964	5.1	3.9	3.3	3.1	2.7	2.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	5.5	6.0	3.4	3.6	3.0	2.5	2.5	3.3	[illegible]	[illegible]	[illegible]	[illegible]
1966	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1969	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1970	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1974	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1975	4.9	4.1	3.4	3.1	1.9	1.7	1.5	1.6	1.5	2.3	3.9	[illegible]

20 YR. STATISTICS FOR PACIFIC STATION 35 (17.99N 157.90W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.4
MEAN [illegible] PERIOD (SEC.)=	[illegible]
MOST FREQUENT (22.5° CENTER) DIRECTION BAND (DEGREES)=	45.0
STANDARD DEVIATION OF HS(METRES)=	[illegible]
[illegible] DEVIATION OF [illegible]=	2.6
[illegible]=	6.4
[illegible] WITH THE LARGEST HS=	[illegible]
AZ. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	315.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	69120301

Appendix H

Return Period Tables

PACIFIC PHASE 1 STATION 1 (32.20N, 118.64W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.4	9.0	8.0
20	7.7	8.4	7.5
10	7.3	8.0	7.2
5	6.9	7.6	6.8

PACIFIC PHASE 1 STATION 2 (33.03N, 120.80W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.5	9.0	8.1
20	7.8	8.5	7.6
10	7.5	8.1	7.3
5	7.1	7.7	7.0

PACIFIC PHASE 1 STATION 3 (33.83N, 123.00W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	9.5	10.2	8.9
20	8.5	9.4	8.3
10	8.1	8.9	7.8
5	7.6	8.4	7.4

PACIFIC PHASE 1 STATION 4 (36.21N, 124.42W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.7	12.8	10.9
20	10.4	11.7	10.0
10	9.7	10.9	9.3
5	9.0	10.2	8.7

PACIFIC PHASE 1 STATION 5 (38.63N, 125.86W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.6	14.9	12.6
20	12.0	13.5	11.5
10	11.2	12.6	10.7
5	10.4	11.7	10.0

PACIFIC PHASE 1 STATION 6 (41.08N, 127.34W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.4	16.8	14.3
20	13.5	15.3	13.0
10	12.5	14.2	12.1
5	11.6	13.2	11.2

PACIFIC PHASE 1 STATION 7 (42.76N, 126.36W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.5	15.6	13.6
20	12.9	14.4	12.6
10	12.1	13.6	11.8
5	11.4	12.8	11.1

PACIFIC PHASE 1 STATION 8 (44.41N, 125.29W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.4	14.4	12.7
20	12.1	13.4	11.8
10	11.4	12.6	11.1
5	10.8	11.9	10.5

PACIFIC PHASE 1 STATION 9 (46.94N, 126.73W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.9	16.1	14.0
20	13.3	14.8	13.0
10	12.5	14.0	12.2
5	11.7	13.2	11.5

PACIFIC PHASE 1 STATION 10 (49.48N, 128.23W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.3	16.5	14.4
20	13.7	15.3	13.4
10	12.9	14.4	12.6
5	12.1	13.6	11.9

PACIFIC PHASE 1 STATION 11 (50.30N, 131.07W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.6	16.8	14.7
20	14.2	15.6	13.7
10	13.4	14.7	12.9
5	12.6	13.9	12.2

PACIFIC PHASE 1 STATION 12 (51.05N, 134.00W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	16.1	17.2	15.2
20	14.7	16.0	14.1
10	13.9	15.2	13.4
5	13.1	14.3	12.7

PACIFIC PHASE 1 STATION 13 (53.55N, 135.97W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.5	16.5	14.6
20	14.1	15.4	13.6
10	13.4	14.6	12.9
5	12.6	13.8	12.3

PACIFIC PHASE 1 STATION 14 (56.05N, 138.14W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.5	16.8	14.6
20	13.8	15.5	13.4
10	13.0	14.5	12.6
5	12.1	13.7	11.9

PACIFIC PHASE 1 STATION 15 (58.53N, 140.57W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.2	13.8	12.8
20	12.4	13.2	12.2
10	12.0	12.7	11.7
5	11.5	12.3	11.3

PACIFIC PHASE 1 STATION 16 (59.05N, 144.30W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.8	17.2	14.9
20	14.2	15.8	13.7
10	13.3	14.8	12.8
5	12.4	13.9	12.0

PACIFIC PHASE 1 STATION 17 (57.50N, 148.78W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.8	13.5	12.3
20	11.9	12.8	11.7
10	11.4	12.3	11.2
5	10.9	11.8	10.8

PACIFIC PHASE 1 STATION 18 (55.79N, 152.87W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.0	16.4	14.1
20	13.3	15.0	12.9
10	12.4	14.0	12.0
5	11.5	13.1	11.3

PACIFIC PHASE 1 STATION 19 (53.95N, 156.60W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	16.1	17.4	15.2
20	14.5	16.1	14.0
10	13.6	15.2	13.2
5	12.8	14.3	12.4

PACIFIC PHASE 1 STATION 20 (54.00N, 160.00W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.7	15.5	14.0
20	13.6	14.6	13.2
10	13.0	14.0	12.7
5	12.4	13.4	12.1

PACIFIC PHASE 1 STATION 21 (51.96N, 163.25W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	16.0	16.8	15.3
20	14.9	15.9	14.5
10	14.3	15.3	14.0
5	13.7	14.7	13.4

PACIFIC PHASE 1 STATION 22 (51.82N, 166.48W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	16.2	17.3	15.4
20	14.8	16.2	14.4
10	14.0	15.4	13.7
5	13.3	14.6	13.1

PACIFIC PHASE 1 STATION 23 (51.60N, 169.69W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	17.2	18.5	16.3
20	15.6	17.2	15.2
10	14.8	16.3	14.4
5	14.0	15.5	13.7

PACIFIC PHASE 1 STATION 24 (51.29N, 172.86W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.7	16.6	15.1
20	14.6	15.7	14.4
10	14.0	15.1	13.8
5	13.5	14.5	13.3

PACIFIC PHASE 1 STATION 25 (50.90N, 175.98W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.3	14.8	13.9
20	13.6	14.3	13.4
10	13.2	13.9	13.0
5	12.8	13.5	12.7

PACIFIC PHASE 1 STATION 26 (50.42N, 179.05W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	15.3	16.0	14.7
20	14.3	15.2	14.1
10	13.8	14.7	13.6
5	13.3	14.2	13.1

PACIFIC PHASE 1 STATION 27 (49.87N, 177.95W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	17.2	18.4	16.3
20	15.7	17.2	15.2
10	14.8	16.3	14.4
5	14.0	15.4	13.6

PACIFIC PHASE 1 STATION 28 (51.05N, 174.00W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	18.4	20.1	17.2
20	16.3	17.9	15.7
10	15.2	16.8	14.7
5	14.2	15.6	13.7

PACIFIC PHASE 1 STATION 29 (17.90N, 153.69W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	6.9	7.2	6.7
20	6.6	6.9	6.5
10	6.4	6.7	6.3
5	6.2	6.6	6.2

PACIFIC PHASE 1 STATION 30 (19.89N, 153.62W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	7.0	7.3	6.8
20	6.6	7.0	6.5
10	6.4	6.8	6.3
5	6.2	6.6	6.1

PACIFIC PHASE 1 STATION 31 (21.94N, 155.69W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	7.7	8.1	7.4
20	7.2	7.7	7.1
10	7.0	7.4	6.8
5	6.7	7.2	6.6

PACIFIC PHASE 1 STATION 32 (21.99N, 157.84W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.7	9.2	8.3
20	8.0	8.7	7.7
10	7.6	8.2	7.4
5	7.2	7.8	7.0

PACIFIC PHASE 1 STATION 33 (22.00N, 160.00W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.6	9.2	8.1
20	7.8	8.5	7.5
10	7.3	8.1	7.1
5	6.9	7.6	6.8

PACIFIC PHASE 1 STATION 34 (20.00N, 160.00W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	7.3	7.7	7.0
20	6.8	7.3	6.6
10	6.5	7.0	6.3
5	6.2	6.7	6.1

PACIFIC PHASE 1 STATION 35 (17.99N, 157.90W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	6.8	7.1	6.6
20	6.4	6.8	6.3
10	6.2	6.6	6.1
5	6.0	6.4	6.0

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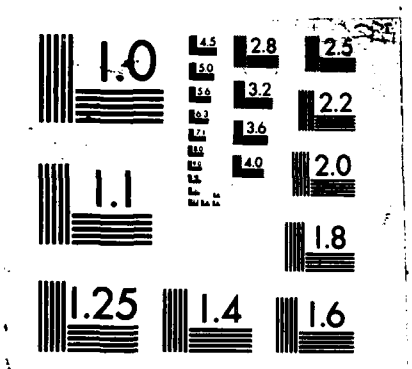

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

SUPPLEMENTARY

INFORMATION

DEPARTMENT OF THE ARMY
WATERWAYS EXPERIMENT STATION, CORPS OF ENGINEERS
P.O. BOX 631
VICKSBURG, MISSISSIPPI 39180-0631

REPLY TO
ATTENTION OF

WESCG

23 December 1986

AD-A168 511

Errata Sheet

No. 1

PACIFIC COAST HINDCAST DEEPWATER
WAVE INFORMATION

WIS Report 14
March 1986

1. Page 18, Table 4: Change last word in title from Hieghts* to Heights*

2. Page 18: Table 4: Change the first reading in second column from 20.0 to 0.20

END

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